

COMMERCIAL & INDUSTRIAL GAUGES LTD



























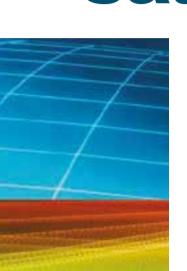






Welcome to

The Complete Product Resource Catalogue



C.I.G. **Company Profile**

C.I.G. Ltd is a manufacturing and supply company with in-house research and development capability, incorporating fabrication and engineering facilities.

We have many years of experience in the supply of tooling and pressure & flow instrumentation equipment. We have over 30 years spent dealing with, and working in different areas of water distribution systems covering product design, installation, development and manufacturing.

Our company is committed to continued improvement through ongoing research and design. With development work carried out both independently and in conjunction with our customers. It is our intention to be at the forefront of the implementation of quality, innovative instrumentation and equipment to underpin and enhance the status of the water industry.



CUSTOMER CARE KITS

FIRE HYDRANT AND MAINS EQUIPMENT

STANDPIPES

DRILLING & TAPPING MACHINES

PIPE CUTTERS

INSTRUMENTATION VALVES & FITTINGS

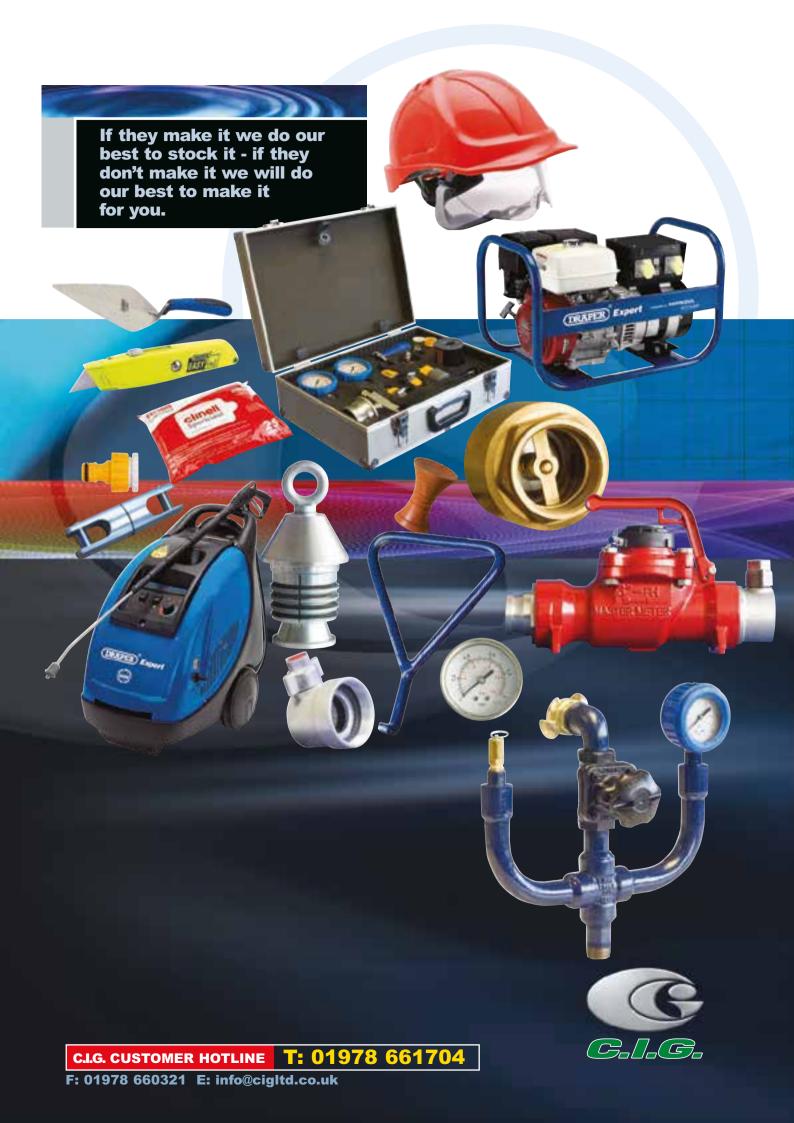
VALVES

DETECTORS

FORGED STEEL EQUIPMENT

CALIBRATION & TESTING EQUIPMENT

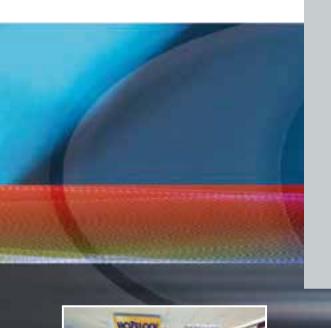




C.I.G. A Leading UK Supplier











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C.I.G. CUSTOMER HOTLINE T: 01978 661704

CUSTOMER CARE KITS Ideal for 'on-site' use Customer care kits are designed, C.I.G. Facts manufactured and supplied by ourselves. Made to order Choose from our comprehensive standard range covering flow, High quality aluminium cases pressure and water testing procedures. Lockable Foam padded ■ Ideal for 'on-site' use. ■ 'Photographers' style lockable carrying case with customised routed inlay. **CUSTOMISATION** Customise a Kit to your own requirements for a variety of applications. Bespoke Kits to your design. Specialist: ■ Air lock, ■ Chlorine, ■ Turbidity testing, ■ Meter removal & installation, ■ Flow and pressure testing. 5 E: info@cigltd.co.uk W: www.cigltd.co.uk

CUSTOMER CARE KITS



Bespoke meter installation and removal kits.



Meter removal and installation kits to suit a variety of standard water meters.



Routed inlay, shapes cut to suit customer requirements.



Comprehensive selection of gauges, adaptors and connectors.



Comparators, discs and tablets supplied as kits or individually.



Original Hozelock fittings.

CUSTOMER CARE KITS



Chlorine comparator test kit low level.



Compact stop tap and meter service kit.



Airlock removal kit.



Lockable Carrying CasesWith customised internal layout to carry and store a multitude of tools and equipment.





Bespoke water sampling test kit

To assist with the collection of 'clean' samples from hydrant standpipes supplied with chlorine spray bottle, spare washers and customer designed extended instantaneous coupling.



4 x meter head removal kit



Utility 4 x head kit c/w 4 in 1 and spindle grip keys



Multi function stop tap repair and operation kit



Levels of service flow and pressureTo take flows and pressures from meter chambers and consumers outlets.



Flow and pressure test kitTo take flows and pressures from taps and standpipe outlets



Hoses for level of serviceCan be cut to length to suit customer requirements.



TEMPORARY REPAIR

Spare Bungs for temporary repair stop tap headworks replacement kit

HYDRANT FLOW AND PRESSURE TEST MEASUREMENT

The Flowmaster provides a reliable and accurate flow and pressure measurement. Invaluable for hydrant testing, pump testing, flushing and water main condition testing. Simply attach, switch on and take flow and pressure readings. Measures flow rates up to 3,000lpm and pressures up to 25 bar.

The electromagnetic sensor has no moving parts — measurement is not affected by debris in the water stream.

Digital Flowmeter with Analogue Gauge



Portable flow & pressure test instrument with Digital display and data logger. The Flowmaster 250DL measures the flow rate and the pressure and produces verifiable reports. All measurements are digitally recorded and can be downloaded to a computer and predefined reports and graphs can be printed. Unobstructed straight through flow measuring system. Supplied with Mains battery charger. In-car / van chargers also available on request.



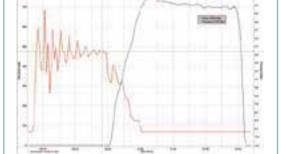
C.I.G. Facts

- Utilising proven Flow measuring technology
- Digital display. Rate of Flow and total volume discharged
- Light weight

Straight Through Hollow Meter Eliminates the problem

of paddle wheel blockage. Allows for higher and more consistently accurate flow rates to be taken. Battery powered with daylight activated digital screen.

These flowmeters are ideal for mains flushing from fire hydrants.





VERSATILITY

Available as a lighter weight floor standing connected via hose, or as a direct 'plug-in' flow meter.



Utilising proven ABB Magflow technology. Digital display provides rate of flow and total volume discharged



Light weight, floor standing connected via Hose or as a direct "Plug In" Flow meter, these versatile Digital Flow Meters can provide loggable recordable data. Available with Instantaneous or "other" inlet and outlet connections, to customers requirement.



The straight through hollow design of these meters eliminates the problem of paddle wheel blockage, and being of magflow style also reduces the required upstream and downstream pipe diameters before and after the meter. Allows for higher and consistently accurate flow rates to be taken and recorded.





FLOWPOD 3000

A lighter weight version of Flowmaster 250, it provides accurate and reliable water flow and volume measurements. Designed for in-line use. Connect directly to low pressure outlet on a pump or between two hose lengths.

Three versions available:

- Portable flow meter
- Portable flow meter with analogue pressure gauge
- Portable flow and pressure meter with data logger

UK MANUFACTURED

- Tried and tested and still produced at our manufacturing site
- Light weight, with no moving parts straight forward basic operation.
- Flow or Weir Cup Indicators.



THE FLOW CUP INDICATOR FAMILY

5 gallon/25 litre, 10 gallon/50 litre and 35 gallon/150 litre.

COLD WATER TURBINE TYPE FLOW METER

For inline or discharge applications. Supplied with BSP male connections or fitted with customer specified connecting couplings as required.





VARIABLE AREA INLINE FLOW METERS

A multitude of size and flow rate ranges are available. Please contact our sales team to discuss any specific requirements.





C.I.G.: EVERYTHING YOU NEED

HOSE

Hoses for many and varied applications. Suitable for suction and discharge. FDA and drinking water suitable hose available.







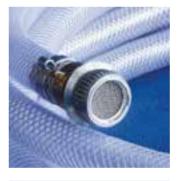
HOSE BANDING CLAMPS Heavy duty bolt fixing, Worm Drive or Dog Ear type clips.



PVC LIGHT DUTY LAYFLAT HOSE Ideal for open ended water discharge flushing applications.

REINFORCED PVC SEMI-RIGID HOSE

Supplied as coils or cut to size as required. Used in assemblies such as Flame Trap hose.









LAYFLAT HOSE
Type 2 General purpose hose.
Type 3 Brigade quality hose.
DWI approved for potable applications.







DRAGMASTER LAYFLAT HOSE

Superb kink resistance prevents point abrasion and lining damage.

HOSE







BRAIDED PVC WATER DELIVERY HOSE

10 bar rated. Aquavend water hoses - WRAS approved hose - suitable for potable water transportation. General purpose reinforced PVC semi rigid hose. Available in various colours.



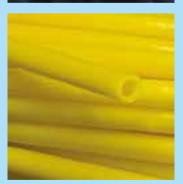
Uncoated layflat 'Mill' Hose. Cut to length. Can be supplied with 'wired on' or banded couplings as required.





NYLON TUBING

Metric and Imperial sizes. Coil and cut lengths available in various colours as required.









COUPLINGS



COUPLINGS

INSTANTANEOUS



 $2\frac{1}{2}$ " female instantaneous light alloy coupling x 1" BSP male thread.



 $2 \frac{1}{2}$ female instantaneous light alloy coupling x 3" BSP male thread.



 $2\frac{1}{2}$ " female instantaneous light alloy coupling x 2" BSP female thread.



 $2 \ensuremath{\frac{1}{2}}$ double male instantaneous adaptor

C.I.G.: EVERYTHING YOU NEED





Double female instantaneous coupling single twist releases.

Female instantaneous blanking cap x single twist release.



Non - standard adaptors. Collecting and dividing breechings available.





CAM AND GROOVE COUPLINGS

Cam and Groove couplings as shown, available with male, female threaded and hose tail connections. Can be supplied in light alloy, stainless steel and polypropylene.



PUSH-IN FITTINGS

Compatible with many fluids and gases. Available for use on metric and imperial tubing. Materials of construction; stainless steel, Nickel plated brass and plastic



Supplied in brass or aluminium material. Available with BSP male or female connecting threads and hose tail. Couplings are available as either standard coupling or with safety latch feature.



NICKEL PLATED BRASS QUICK RELEASE **COUPLINGS**

Male and female connection type with male or female BSP threads.





BAUER TYPE LEVERLOCK







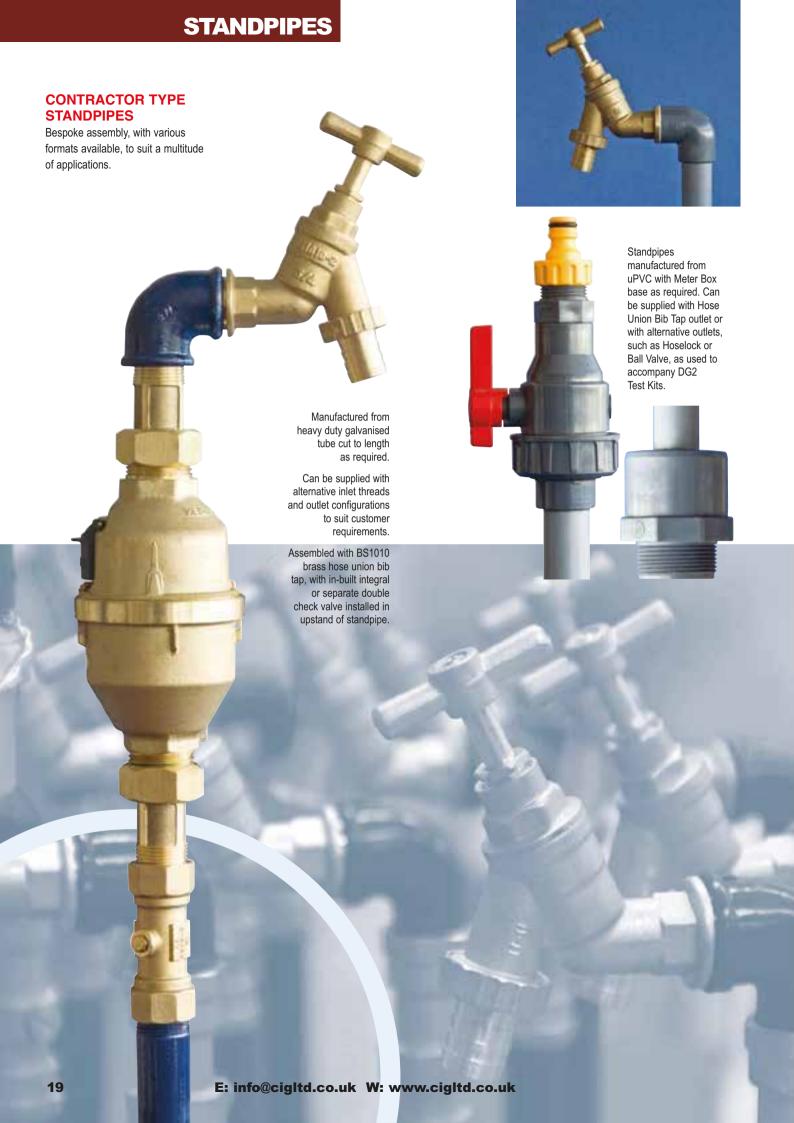




LEVER LOCK BAUER TYPE COUPLINGS

Many available from stock.
A comprehensive range of industrial and agricultural couplings for suction or delivery use. Supplied galvanised steel or as stainless steel.





STANDPIPES

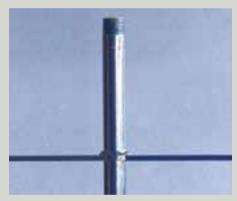














HYDRANT STANDPIPES

Quality hydrant standpipes in any configuration.

2½" (64mm) light alloy hydrant standpipes with BS750 Base and BS336 instantaneous outlet. Single or double swivel outlet.



FLANGE ADAPTORS

Light alloy flanged adaptor with male or female instantaneous coupling.

RECOIL HOSES

Pressure hose extending recoil hoses supplied fitted with male x female Nickel plated quickfit couplings.





HYDRANT CAPS

Hydrant Caps supplied as Blanking Caps or complete with Pressure Test Point available in most configurations to suit standard underground hydrant outlet. London Round Thread, Belfast Vee Thread, Bayonet Lug Type and Boundary box / MSM caps with Probe outlet.





HYDRANT STANDPIPES







EVERY COMBINATION Hydrant standpipe, light alloy, single or double outlet, swivel or plug in head. Can be supplied with or without backflow prevention.





WASHERS Standaine hase

Standpipe base, Body Joint and Outlet Washers, available in standard sizes or cut to size in Leather or EPDM Rubber.



BASES

Hydrant Standpipes can be made available with a variety of bases to suit customer applications. Belfast Vee Thread Male, Bayonet Lug or London Round Thread Female for example.





PIPE EQUIPMENT VALVE KEYS The range of forged steel equipment is as comprehensive as possible, endeavouring to incorporate the basic and fundamental light, medium and heavy duty keys for the operation of Hydrant and Sluice Valves. Hydrant and Valve operating keys supplied in a multitude of options. Solid shaft with looped top. Aluminium with hollow shaft and integral bar. Steel with Hollow shaft and integral bar. **KEY OPTIONS** Valve keys can be supplied with Sockets available to suit Trunk main valves as well as a variety of local Valve designs, "Metropolitan", "Liverpool pattern", "Triangular" and Euro Valve sizes. **HANDHELD POWERED VALVE** OPERATOR WITH GFI AND **OVERLOAD** PROTECTION. Can be supplied complete with electric, hydraulic or pneumatic drive, LCD revolution counter, torque arm extension, manual and steel storage case. Lightweight, one man operation with finger tip control of rotating direction and shut off. Greatly reduces operator muscle strain and fatigue. 23 E: info@cigltd.co.uk W: www.cigltd.co.uk

PIPE EQUIPMENT

HYDRANT AND VALVE OPERATING KEYS AND BARS

Supplied to suit standard and non-standard valves. Standard sizes available from stock. Non-standard size sockets and key length can be made to order.

TOGGLE TYPE VALVE KEYS

These keys are used to provide that extra control when opening and closing valves. Supplied with lightweight hollow Steel Key and operating bar.







Most common lengths are available from stock. Non-standard can be made to order to suit customer requirements.



Available to support longer than standard spindles.



Standard length and diameter or, manufactured to customers specific requirements. Plain flat ended, chiselled or with pointed ends.



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PIPE EQUIPMENT



PIPE "SQUEEZE OFF CLAMPS"

Used to limit the flow in PE pipe. Different pipe diameters can be accommodated by using the appropriate 'clamp' which can then be individually set to ensure the optimum 'squeeze gap'.





PIPE FREEZING KITS

The Polar freezing kit is used in combination with a disposable container of high quality original Polar® freezing spray. The kits are packed in handy plastic carrying cases which include gas canisters and jackets required for large freezes. Easy to use scales are included to ensure best possible gas usage for each freeze.





STANDARD FERRULE KEYS AND PLUG LIFTERS



JETFREEZER

Reduces downtime and cost by eliminating the need to drain down pipework before maintaining, repairing or extending a system. Utilising the intensely cold properties of solid carbon dioxide, Jetfreezer rapidly and economically creates a positive ice plug in the required work area. Natural convection melts the ice plug restoring supply in minutes when the work is complete. Jetfreezer freezes water in a 15 mm diameter copper pipe in approx. 3.5 minutes.

PIPE EQUIPMENT



SPRAYS

- Gas leak Spray fluid, non flammable for detection of leaks in joints, connections etc.
- CIG Pipe Freezer spray
- "Polar" canisters, for use with
- the Polar range

 Crack It Shock Freeze Release Spray

PIPE STRAPS

Used to prepare

surfaces prior to

cutting and

drilling.

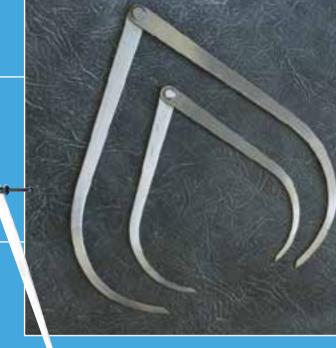
CALIPERS

Available with Stiff Joint or Spring Joint, Internal or External Pipe measuring calipers.



TAPES

Pipe measuring Tapes, showing pipe circumference and pipe diameter.



SADDLES

Saddle Straps in Gunmetal available as plain or with female threaded boss.
Suitable for AC, Cast
Iron or PVC, Steel and Ductile Iron. Swivel ferrules available in Plug, Screw-down or Self-tapping pattern. Outlets: Female iron

or Push-fit.



BENDERS

For use on copper pipe. Rollers manufactured from case hardened steel with former from steel. Various sizes available to suit customer requirements.



SWABS

Foam "Pigs" (Swabs) used to remove dust or debris from pipe internals. Generally pushed through by water pressure.



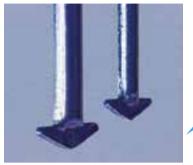
DRILL TAPS

Holesaw Taps and cutters.

Full selection of Drill Taps,

LIFTING KEYS

Whatever the grid - we have the key. Lifting Keys, of single piece construction with forged lifting tip. Tee or Triangle Handle.Bespoke keys can be made to order.





















MECHANICAL GRID LIFTER Mechanical Grid Lifting device to lift Split covers.
Supplied with Seal breaker.







METER REMOVAL / INSTALLATION HEADS





























Stop Tap Key c/w ½"
Male available with
lockable or non-Lockable
square drive.



C.I.G. Facts

We manufacture a comprehensive range of meter removal / installation keys to suit the most commonly available revenue meters.

KEYS

BESPOKE STOP TAP OPERATING KEYS





STANDARD DESIGN HEAVY DUTY & LIGHTWEIGHT KEYS

Available to suit the majority of Stop Taps currently in use.



STANDARD STOP TAP KEYS Available supplied as

Available supplied as Crutch Head, Female Square or 2 & 4 prong.





C.I.G. Fact

We can manufacture Stop Tap Keys to specification supplied.



BESPOKE CHAMBER CLEANING TOOLS

Steel chamber Cleaning Scoops, Ladles and Grabs, all can be manufactured in a wide variety of shapes and sizes to suit most requirements. If you have a design in mind let us quote to manufacture.

HONDA

PUMPS

A superb range of quality pumps to get the job done - big or small.

Portable Pumps to Trash Pumps designed for a variety of uses. Lightweight and high pressure performance pumps, popular uses gardening, irrigation, dust suppression. High flow rate pumps are able to deal with large volumes of water with solids up to 6mm quickly without clogging or causing damage. Trash pumps can be used to drain water

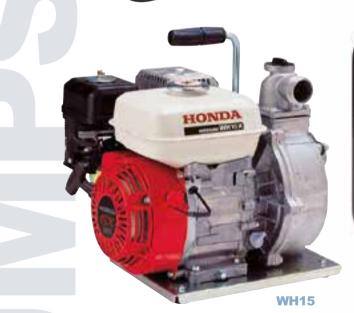
SALES SERVICE **EXPERTISE**

DEALER

HONDA















WT20 WMP20 WX10

HONDA







HONDA

The Power of Dreams

GENERATORS

The right generator for the job.

From campsite to building site C.I.G. Ltd have a range of suitable Honda generators. Portable, lightweight, super-quiet, to high performance endurance generators. Robust, reliable, requiring minimal maintenance, for commercial and industrial use. Manoeuvrable, high-tech generators with Honda pioneering technology, providing clean, stable and economical electricity and are just what you need in an increasingly mobile and electric-powered world.





EC3600





EU10

PUMPS/SCOOPS/BAILERS

PUMPS

4 Stroke

Petrol/Hand or Electric Pumps.

Chamber emptying pumps are available in a multitude of sizes and power supplies.

If you need to move that water fast, get a pump from C.I.G. on the job - from small portable pumps to large trash pumps. Compact and portable. When you need strong and reliable water pressure, our pumps will get the job done.



2 Stroke Petrol Pump

50:1 Mix Weighing 5.5kg. 110 lpm max flow. 7 Metres Max head suction. 32 Metres Head max.









For full range of of location and sounding equipment see pages 43 - 46.

DRAINAGE

LOCKFAST DRAIN CLEANING RODS AND TOOLS

These Rods are generally recognized as being among the best quality rods available and can be found specified on a world wide basis as being the preference of professionals. They have a well deserved reputation for being reliable, strong and rigid but still with just the right amount of flexibility.

They have been developed through many years of constant research and development, the rods are manufactured from the highest grade of polypropylene whilst the joints are manufactured from solid brass. To ensure strength and durability during use the brass joints are securely fitted to the rods by brass rivets.



LOCKFAST DOUBLE WORM SCREW HEAD

To remove foreign objects from within Pipework



LOCKFAST PLUNGERS

Robust rubber plungers.
Builds up pressure of
water which forces
obstruction clear.
The plunger is supplied
complete with washers,
which enables the rubber
plunger disc to be
removed and replaced.

C.I.G.: EVERYTHING YOU NEED



T: 01978 661704

Pipe fittings and connectors.

Compression, Male and Female threads, Weld socket and Quickrelease couplings. Coupling configuration to suit many and varied applications.



BRASS

STAINLESS STEEL

MDPE

GALVANISED



QUICK RELEASE

GUN METAL

uPVC



Nickel Plated Brass Quickfit Couplings and Probes



PIPE FITTINGS





uPVC fittings



Brass fittings



Nickel Plated Brass Instrumentation fittings

PIPE FITTINGS



PIPE FITTINGS

316 POLISHED HYGIENIC FITTINGS

BALL VALVES

BUTT WELD FITTINGS

RJT UNIONS

NICKEL PLATED BALL VALVES

BSP FITTINGS

GUNMETAL GATE VALVES

BS4504 PN16 FLANGES



C.I.G. : EVERYTHING YOU NEED

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WOODEN LISTENING STICKS

These basic, cost effective sticks are a regularly used product from the C.I.G. leak detection range. Manufactured at its most basic level from a cost effective soft wood or if required from a more close grained harder wood. All supplied with metal ferrule at base of rod.







POCKET STETHOSCOPE & EXTENSION ROD

The 8" pocket stethoscope, as its name suggests is a pocket sized sounding device manufactured with a stainless steel rod covered with a black P.V.C. sleeve and earpiece. Used for close up direct sounding of pipework and fittings. To accompany this listening device we are able to supply a stainless steel extension rod of 0.5mtr or 1.25mtr length to attach to the pocket stethoscope for remote sounding.





STETHOSCOPE TYPE

Utilising a "Doctors Style" Stethoscope earpiece, this mechanical sounding device with bell chamber provides enhanced acoustic functionality, collecting and amplifying leak noise. A stainless steel extension rod of 0.5mtr or 1.25mtr length is available for



PALATINE TYPE

An entirely hollow two piece listening stick with sounding chamber type earpiece to augment the slightest sound. A device that has been tried and tested over many years.



DIAPHRAGM TYPE

Sticks incorporating an optimum designed resonance chamber which amplifies the leakage noise from a variety of pipe materials. Complete with larger ear piece and protective rubber cover. Available as single, two or three piece construction 4ft and 5ft lengths with straight or angled head.

Stainless steel Diaphragm Listening



C.I.G.: EVERYTHING YOU NEED

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LOCATION

MEASURING WHEELS

SOURCE:

Supplied by world leading manufacturers of quality distance measuring wheels suitable for a wide range of applications.



FEATURES:

- Accuracy of 99.5%.
- Measuring distance 9999.9m with increments of 0.1m
- Push Button Zero reset.
- Wheel diameter 0.32mtrs
- Wheel circumference 1m
- Easy store folding design









Running in sealed roller bearings these accurate measuring wheels are suitable for a multitude of applications: road marking, construction, garden layouts, field and factory layouts property assessments, etc... Can be used on most surfaces smooth and uneven over long or short distances.



LOCATION



allow small diameter, non metallic pipes to be traced.









INSTACHLOR TABLETS

A convenient method of small-scale chlorination, ideal for water containers, water tanks, wells or a small reservoir.



Provides stable, portable and simplified water testing reagents for a wide variety of parameters from aluminium to zinc. Including the world famous DPD tablet range.



AMMONIA

The Compact Ammonia Duo provides field analysis of ammonia and ammonium ideal for drinking water or wastewater and environmental analysis





STANDARD COMPARATOR

High performance visual testing for a wide range of parameters suitable for drinking water, wastewater, boilers and cooling towers





WATER TREATMENT

CHLORINATION / DE-CHLORINATION

Chemicals, reagents, dosing units and consumables for chlorinating, de-chlorination, disinfection and sterilisation of water mains, tooling, water containers, tanks, wells and small reservoirs.





D-CHLOR TABLETS

Principally sodium sulphite a reliable and proven method of removing chlorine to prevent contamination of a water course after chlorination of a water main.

INSTACHLOR

Rapid release chlorine tablets, convenient means of small scale chlorination, 150mg 1grm and 3grm chlorine content available.

SODIUM THIOSULPHATE

25kg bag of crystals used as a de-chlorination agent to prevent pollution of water course.

CHEMICALS

Sodium hypochlorite 14/15% available in 5ltr and 20ltr containers used to chlorinate a water supply. Sodium bisulphite used to dechlorinate waste water prior to discharge into the environment available in a 25ltr container.



TABLET FEEDER

For use in conjunction with chlorination and de-chlorination tablets, we can fit the inlet connection of your choice.

WATER TREATMENT

MODULAR DOSING UNIT

Hydraulically driven dosing unit being flow proportional the dosing remains constant irrespective of variations of flow and pressure. Chlorinates 3000lph @ 30-300 ppm supplied with instantaneous connections in a lockable casing supplied with a 5ltr chlorus carrier.











Lockable secure housing for chlorus solution.

VALVES/ADAPTORS/TAPS

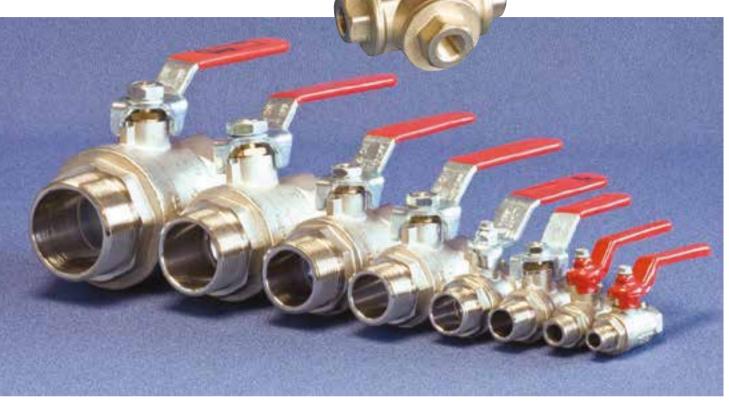
BALL VALVES

From a single brass ball valve, our product range has been expanded over time to meet the many requirements and expectations that our customers have. Everything from butterfly valves to diaphragm valves to solenoid valves, available in a range of different materials

including: brass, bronze, stainless,
carbon steel, cast iron and
plastics. Gas and WRAS
approved valves available for
quotation upon request.

We can supply a
comprehensive range

of valves making it easier for our
customers to get everything they need all
under one roof. Our range includes Full
bore Lever Action Ball Valves and
Compression, Mini Ball Valves, Needle
Valves, Gas Valves and
Test Points.









VALVES/ADAPTORS/TAPS

HOZELOCK TAP ADAPTORS AND EQUIPMENT We stock and supply an extensive range of **HOZELOCK** Hozelock fittings and equipment. Manufactured to the highest quality, Hozelock produce a comprehensive range that covers: watering fittings, tap adaptors, pressure sprayers and high pressure cleaners. With over half a century of expertise developing their product range combining knowledge, experience and craftsmanship. Every product is crafted to work time after time, so that our customers can be confident in the reliability of these products. нодили STOP ZELOCK **KOZELOCK 7ELOC**





WE OFFER A WIDE RANGE

OF TAPS AND VALVES.

Hose Union Bib Taps available to BS1010 / BS5412 Standard and as WRAS approved, supplied either with or without internal check valve.

½" BSP All Chrome Plated Tap or All 316 Stainless Steel construction for sampling applications c/w with tapered outlet, Dust cap and retaining chain.

Taps from a wide range of options, as Lever action ball tap and Standard crutch type taps Hose Union and plain Bib type. Non-concussive self closing taps for commercial applications.



VALVES GENERAL

WHATEVER THE VALVE TYPE...

Pressure Relief and Vacuum breaker valves, Air Valves, Pipe interrupters. Safety relief valves, supplied for various specifications, to provide safety from potential over pressurization and backflow.



STAINLESS STEEL / BRASS / PLASTIC SAFETY RELIEF VALVES

These Valves are particularly suitable for liquid applications where a 'small' discharge often prevents the safe pressure in a system being exceeded.



ANTI-VACUUM VALVES

Used to relieve unwanted vacuum conditions in storage tanks & cylinders and prevent collapse due to internal vacuum.

VALVES GENERAL

DOUBLE CHECK VALVES

Lightweight WRAS approved, compact double check valve used to help prevent contamination risk and protect against back-flow and back-syphonage.

Allow high flow rates with minimum pressure drop.



Suction strainer Simple pump inlet protection (Coarse filter mesh)
Tin Can strainer hose tail with no valve.
Suitable for clean or dirty water applications. Generally used together with engine driven pumps.



To To

'Y' STRAINERS

A range of compact, in-line 'Y' strainers available in a variety of sizes with compression or BSP Threaded connections c/w Access port for servicing the filter.



SAFETY RELIEF VALVES

Full lift Safety Relief Valves used to prevent excess pressure build-up in systems providing maximum flow rates. Suitable for use on steam, liquids and gases.

FOOT VALVE STRAINERS

WE OFFER A WIDE RANGE OF FOOT VALVE STRAINERS. Designed to be installed on the suction side of the pump, the Foot valve maintains pump prime between pumping cycles. The strainer prevents debris from entering the piping system and minimizes head-loss to optimize pumping efficiency.

GAUGES

GAUGES

Whatever the application we have a gauge to suit.

For more than 28 years, Commercial & Industrial Gauges Ltd has been synonymous with the design, manufacture and supply of quality pressure gauges and thermometers, with a comprehensive range that has been developed by customer request and specification.

Available as standard or specifically designed these instruments are adaptable to wherever pressure or temperature measurements are required.





Analogue type thermometers for permanent installation. Bi-metal or liquid filled. With direct bottom or rear connection. Case and probe manufactured from all stainless steel if required, can be supplied with pocket to enable instrument removal.







- Wide variety of analogue Pressure Gauges
- Superb quality instruments from top UK and worldwide manufacturers





GAUGES

DIGITAL

Top quality Digital Pressure
Gauges of European
manufacture. With certifiable
traceable accuracy. User
definable ranges psi, bar,
kPa, mtrs. Micro-processor
controlled, accurate and
versatile digital pressure
measuring instruments with
integrated fast peak, max.
and min. function. The
pressure is measured 5,000
times per second and is
brought to the display twice
per second.



STAINLESS STEEL

Stainless steel case or all stainless steel construction gauges. Available with 316 St.St. wetted parts with 304 St.St case. Instruments can be supplied dry or as glycerine filled construction for internal and external applications. Specialist dials can be supplied to order or requirement. Customer logos can be added to dial face if required.





DRY CASE GAUGES

Primarily for pneumatic application. Direct bottom or rear connection as specified. Surface or flush panel mounting as required. Safety Pattern Gauges available on request.

GAUGE ADAPTORS

Machined from solid, as Male x Female, Female x Female or as 'Ring Thread' to upsize or down size a thread. Can be supplied as BSP x BSP or combination of thread types to suit customer's requirements.



GAUGE COCKS AND OVER-RANGE PROTECTION VALVES

Gauge Cocks designed and manufactured to suit Pressure Gauge threads to isolate supply. Over-Range protection valves designed to assist with the protection of the instrument from over pressure.



'U' OR 'PIG TAIL' TYPE SYPHONS

Available in brass, steel or stainless steel. Used to protect the pressure gauge from the effect of media such as steam. The pressure medium forms a condensate that collects inside the syphon, which prevents the hot media from coming directly into contact with the instrument.





GAUGES

CALIBRATION AND REPAIR

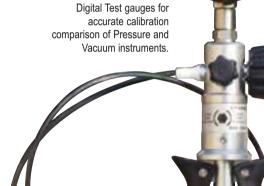
We supply, calibrate & repair a wide range of gauges and instrumentation from vacuum to in excess of 15,000 psi.

Our calibration equipment is traceable to known UK accredited laboratories.











Supply and certification available for RPZ Test equipment, including the WATTS TK range.



"COW HORN" MAINS TEST STANDPIPES

used in line with GIS/TE/P6.3:2007. Equipment used in testing gas mains and services with operating pressure not greater than 7bar.

PRESSURE RELIEVING VALVES

As specified and can also be supplied as spares.



PRESSURE RATINGS

We manufacture 3 pressure ratings: Low Pressure (Orange) Medium Pressure (Blue) High Pressure (Red)

TYPE	COLOUR	GAUGE	RELIEF VALVE SETTING
Low pressure	Orange	63mm x 0-1 bar/0-15 psi	0.350 bar
Medium pressure	Blue	63mm x 0-4 bar/0-60 psi	3.3 bar
High pressure	Red	63mm x 0-10 bar/0-160 psi	7.7 bar
Common Base	Vellow	N/A	N/Δ

GAS TOOLING

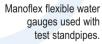






COMMON BASE

All assemblies attach to the Yellow Common Base. Test Standpipes can be supplied welded, with plant i/d and test certs.







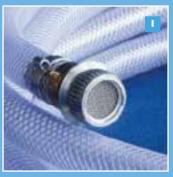
GAS TOOLING



















- A Expanding Stoppers 1/2" 72"
- B Drawlock kits
- Brass or Steel Test Piece
- Gas Bags for bagging off
- Cable Swivels
- Mains & Service Continuity Bonds
- Test Standpie
- H D, Bow & Swivel Shackles
- Purge Hoses 3/4" & 1" with Flame Arrestor
- J Whipcheck preventing compressor hose whipping
- K Crimp Tool
- Service & Meter Testing products







Commercial and Industrial Gauges Ltd are a main UK Distributor for Reed Manufacturing.

Please request a full
"Reed Manufacturing" specific
catalogue from our sales



PIPE TOOLS & VICES SINCE 1896



Low Clearance Rotary Cutter exclusive to Reed, 5" clearance, 2"-18" dia.



PLAS In-Line Rotary Cutter 160 - 800mm PE & PVC



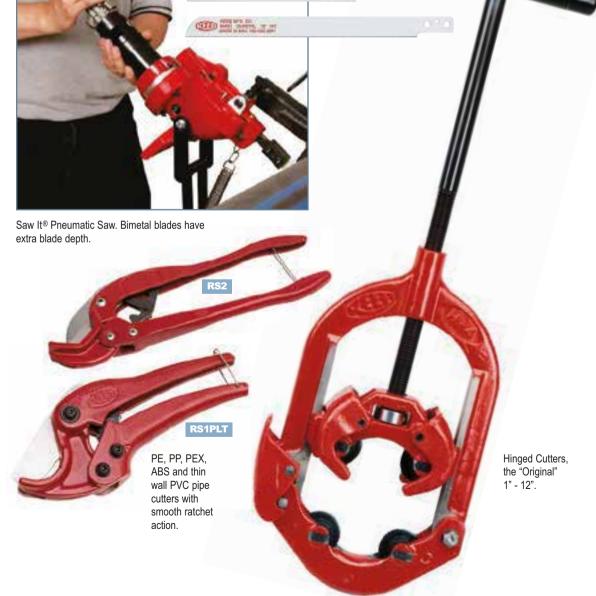
Pipe Wrench, Offset Head

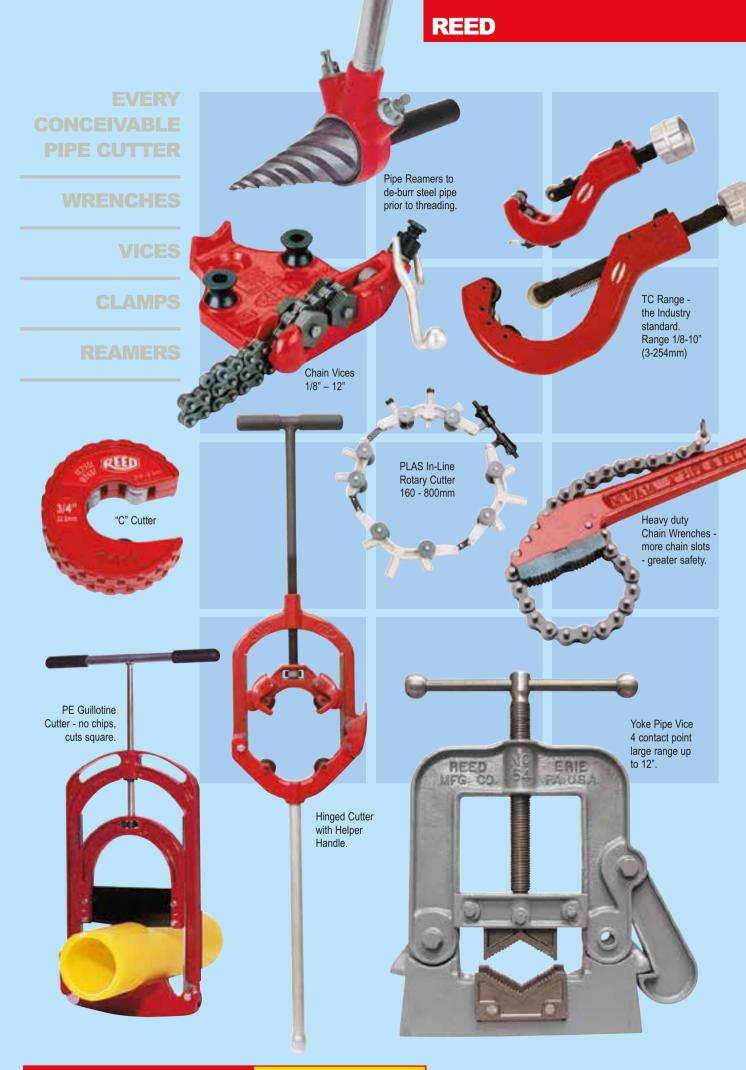


Reamers & Internal Cutters

Similaria.







REED





PIPE TOOLS & VICES SINCE 1896



Bevellers makes a smooth 15 deg chamfer on PVC.

65



The World's best Cutter Wheels. Wheel compatibility chart available.



Cast Iron Soil Pipe cutter.



E: info@cigltd.co.uk W: www.cigltd.co.uk



POWER TOOLS

Every type of drill for every application.

Every type of drill is available. From the most complex combi hammer drills to the simplest tungsten tipped drill. The majority of drill types are kept in stock - please call to check we have the tool in stock.





SCREWDRIVERS

Cordless screwdrivers with forward/reverse operation Bosch has 30% more torque and increased rotation speed.



Hitachi and Dewalt drills are kept in stock. Full sets of drill bits available.

GO CORDLESS

Powertools without the worry of cables ideal for difficult or awkward tasks. The most common have 18 Volt batteries. However, C.I.G. Ltd also offer machines with alternative battery ratings to suit customer requirements.







DEWALT

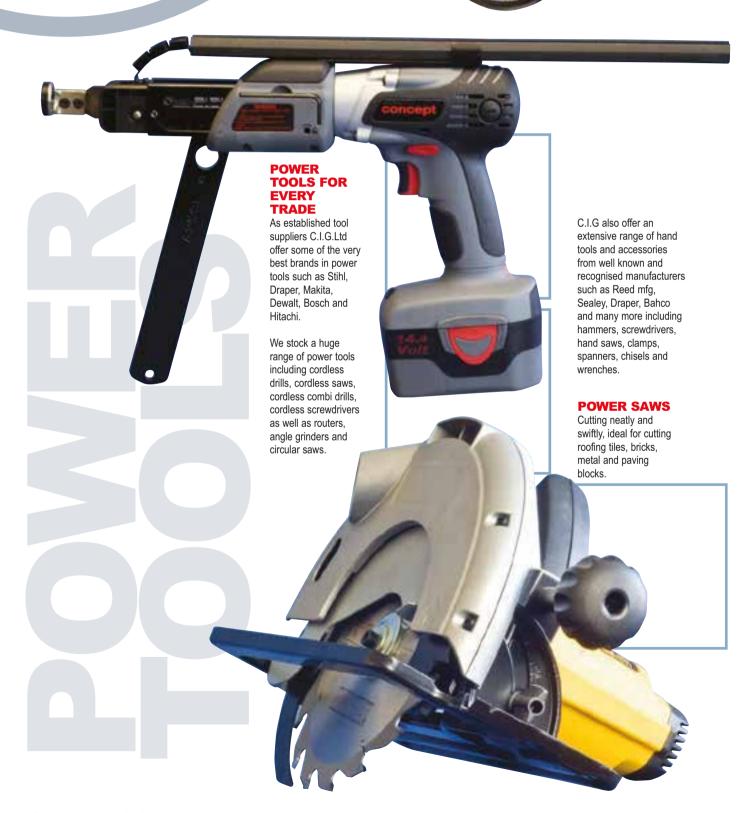
Makita

HITACHI





Whatever the job - we have the power tool. Power tools for every trade, various specifications to suit your budget and job requirements. Our extensive range of power tools come from trusted trade brands and include the latest state-of-the-art technology.



CORDLESS FLASHLIGHTS Ideal for machine shops, or heavy-duty projects at home. Adjustable head makes it easy to position properly for hard-to-see spots.

CATERING FOR ALL YOUR NEEDS

HITACHI

Our range of carefully selected Power Tools are designed to cater to all needs. Whether you're a price conscious user that wants a basic tool with an entry level battery, or a seasoned professional in need of the latest high end cordless power tools and batteries, we have the right product for you. Power tools for grinding, cutting, planing and polishing, vacuuming, drilling and lighting. Hitachi, DeWalt, Stihl, Ryobi and many other recognised brands are available.







ANGLE GRINDERS

Compact and lightweight angle grinders perfect for grinding metal or masonry, paint and rust removal, or sanding.



DEWALT

HAND VAC

Cordless wet/dry hand vac's for both wet and dry spills. Quick change replaceable filter.
Ergonomically designed and balanced for ease of use.

POWER TOOLS

WELDING

We offer a range of welding consumables for arc welding, mig welding, tig welding and gas welding.

Lightweight construction able to withstand the toughest work environments. Essential for a host of welding jobs, while delivering a reliable performance time after time.



POWER TOOLS

GENERATORS



THE C.I.G. RANGE

Our range of generators includes quiet running, inverter generators, recoil start and electric start generators, ideal for a host of power generating situations.







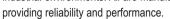




SOCKETRY & SPANNERS

The complete Draper range for every application.

All of our socket sets and accessories are designed to be used by professionals in a multitude of different industries and a variety of industrial environments. All are manufactured to the highest standards







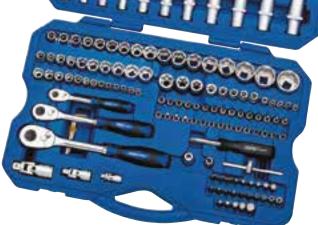












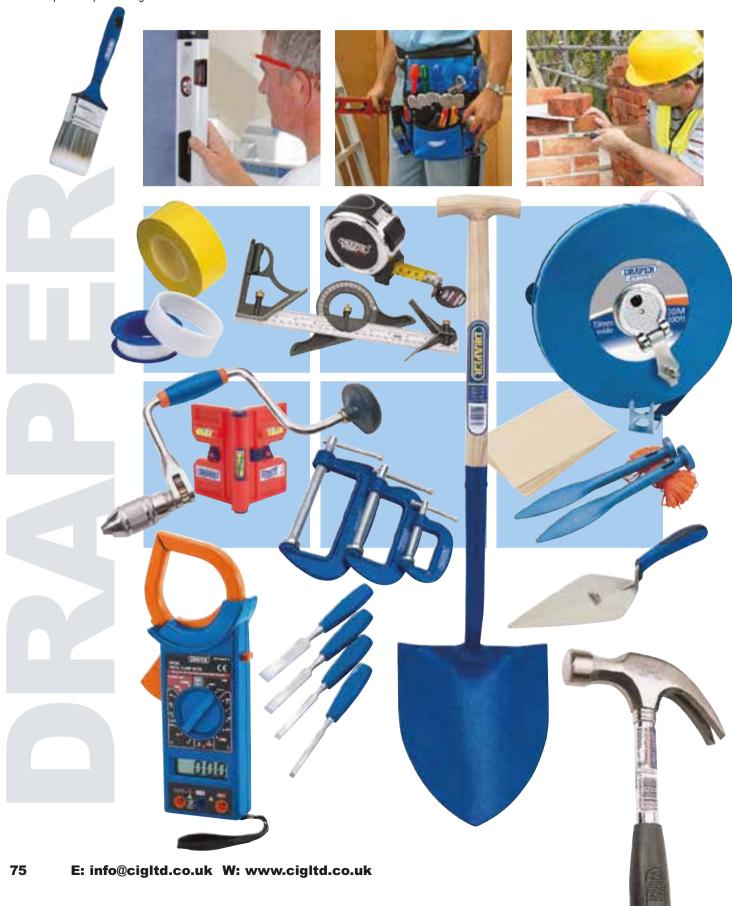


CONSTRUCTION

Tools for the building, plumbing and electrical trades.

We pride ourselves on having a range of quality and good value hand tools. You'll find tools suitable for professional trades and DIY usage within this selection of tools. From tape measures, knives, saws, wrenches, multi-tools and so much more. You will find the right hand-tool for all jobs right here. Please request Draper Catalogue for more information.







ROAD EQUIPMENT



HAZARD BARRIERS

This robust barrier is manufactured from durable, lightweight polypropylene. Supplied as either 3 or 4 gate versions and offering a versatile option for many different requirements.

Available as 3 Gate or 4 Gate Barriers. Tough, stable and lightweight. Made with red powdercoated tubular frames. Hi-vis red and white reflective boards mounted at top and bottom of each frame. These barriers fold virtually flat for ease of transportation.



LINEMARKING

These aerosol cans produce highly pigmented hard wearing, defined bright lines and are safe to use on a multitude of surfaces including tarmacadam, concrete and composites. Available in various colours. 750ml aerosol cans are compatible with most aerosol line marking machines and are also suitable for freehand marking.

SALT

Don't get caught out this winter! Melt snow and ice fast.



SCREEN WASH

Suitable for summer and winter use. Highly concentrated de-ices and protects down to -20°C. Swiftly removes insects and grease deposits encountered in summer driving.

DE-ICER

Powerful De-Icing formula melts ice quickly and effectively from vehicle windows, leaving a clear finish for increased visibility.



COLLAPSABLE CONES

Lightweight yet stable with rubber base for stability & grip, these space-saving 750mm cones collapse down to just 60mm high when not in use. Folded dimensions 380 mm x 380 mm x 60 mm. Weight 4kg.



CONES Single-piece compression moulded road cones, manufactured from PVC. Cost effective and durable. Supplied fitted with reflective sleeve. Self-weighted for reliability and stability.Impregnated colour fast paint finish for resistance to weathering.

ROAD EQUIPMENT

SIGNS

Supplied by one of the UK's premier sign manufacturers and distributed to the water and gas utilities, their main contractors and many others.





ROLL-UP SIGNS

Temporary roll-up portable road signs are extremely versatile and easy to use. The roll up and collapsible design is ideal in situations where storage is an issue. Safe to use and easy to handle a basic folding system for quick and speedy deployment. Flexible design allows for faces to be interchanged



TURKS HEAD BRUSHES

Turks Head Brush with black fibre bristles. Used as a tar brush for the application of bitumen to edges and surfaces. Available in short and long handle.





TAR BUCKETS

V-Lipped galvanised tar bucket with carrying & pouring handles.

Heavy duty narrow spout galvanised tar can is ideal for precise pouring of hot tar.

LIGHTING / PHOTO

LIGHTING

Huge Lighting Range.

With designs and options as varied as the requirements of their users C.I.G.Ltd supplies quality lighting products for use in tough professional situations, with proven endurance they are resilient and, with their lighting quality, ensure safe work under poor lighting conditions.





HEAD TORCHES

Anywhere with bad lighting and where you need both hands to ensure safe, effective work.

MINI LAMPS

These key ring torches are extraordinarily bright, lightweight and equipped with state-of-the-art electronics. Lightweight aluminium torch with carry strap and 6 bright LEDs. Requires 3 AAA batteries.







KRYPTON 60 HANDLAMP

These handy 60 lumen spotlights, with tough ABS case, fitted with a high power krypton bulb and complete with a heavy-duty 6 volt battery are ready for use in seconds. The handy spotlight is the perfect choice and extremely useful in many situations.



LONG RUNNING RECHARGEABLE LED HANDLAMP

These well respected hand lamps are available with a recharging facility and can, on certain models provide up to 400 metre beam distance, 230 lumens.

Offering 3 lighting modes high, low and flashing.

LIGHTING / PHOTO



BULB KITS

Universal multi headlamp 12v auto bulb kit is suitable for vehicles fitted with H4, H1 or H7 headlamp bulbs The kit includes 3 headlamp bulbs, 12 additional interior/exterior bulbs and 4 blade fuses.

MAGNETIC MOUNT (70MPH) AMBER BEACON

The popular design of this standard beacon features belt-driven rotators which incorporate unique free-form optical reflectors to maximise beam pattern and light output. Supplied c/w 12V Cigar plug and lead.



EXTENSION CABLES

110 Volt open drum cable reel in a choice of cable lengths. Featuring a sturdy steel frame construction c/w carry handle for easy movement. With 2 outlet sockets with spring loaded protection flaps to keep unwanted debris out and a winding knob for easy and tangle free reel-in.

240 Volt open drum cable reel on a sturdy steel frame with carrying handle. With twin 240 volt socket outlets and cable fitted with a standard 240 volt plug

LAMPS

Work lamp solutions for a variety of applications - a comprehensive range of on and off road, medium and heavy duty, industrial models with a variety of light intensities to suit the application.

SOLARIS LAMP

A most compact and lightweight rechargeable LED floodlight, ideal for emergency situations, offering a very high light output. Light weight and easily carried, making it ideal for use in remote areas.





CAMERAS

Digital Compact Cameras

Cameras that pair innovative design with outstanding performance at great value. Available with In-Camera Panorama Stitching and a host of other superior features. Ideal for everyday use, compact cameras are the right device if you want a small, lightweight solution that's simple to use and provide superior image quality.



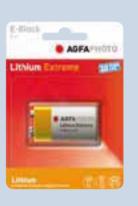




Every type of battery - giving you power in the field.

We have a wide range of popular sizes of batteries. AA batteries, AAA batteries, C cells, D cells, 6v and 9v as single use batteries, lithium batteries, rechargeable batteries and battery chargers. We have batteries for most applications.



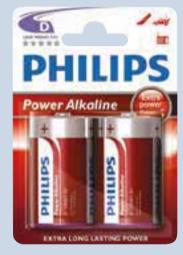


















EVERY TYPEAND SIZE

ALKALINE

NIMH

HIGH VOLTAGE

INDUSTRIAL

LITHIUM

SILVER OXIDE

RECYKO

BUTTON

CHARGERS

Chargers

For all-round battery charging. Perfect combination of charger, maintenance equipment and test station for rechargeable batteries AA and AAA. Suitable for most brand batteries (NiMH/NiCd/Li-lon/Li-Po).





























CLOTHING

Single source supplier

C.I.G. Ltd is your single source for work-wear, offering a collection of garments for all areas of industry and commerce, from protective work-wear to be spoke corporate work-wear.

POLO SHIRTS Cotton or poly cotton polo shirts we have it here, find the right polo shirts for your needs. **BOILER SUITS** A wide range of boiler-suits and coveralls for a wide range of work-wear purposes. To suit different purposes, we supply coveralls in cotton, poly-cotton or nylon.

C.I.G. Facts

- Option of personalised embroidery or printing
- Different styles of footwear
- Various types of glove
- Hi-vis products

HIGH VIS

Hi Vis Jackets, fixed hood with drawstring, sleeves with Velcro adjustment, outside pockets. Trousers with strong flexible seams, elasticated waist and two side slits.

HATS

A superb range of waterproof, woolly and other styles of hat.

JACKETS & FLEECES

Working in cold weather can be hazardous and uncomfortable. They are a great way to ensure that you stay warm. We supply a wide range of work coats and fleeces suitable for the most demanding work environments.

TROUSERS

Practical for the everyday working environment. Comfortable, stylish and tough yet still light enough to retain agility.

83







Complete foot protection.

Our Safety footwear is designed with both comfort and durability in mind.

We offer a variety of different sole units and styles to suit all areas of the workplace.

C.I.G. Facts

- Designed with both comfort and durability in mind
- A variety of different sole units to suit all areas of the workplace

Clean thoroughly

Universal Wipes providing a range of products for hand and surface disinfection and cleaning.

Containing a unique antimicrobial formula, they can be used as a detergent and disinfectant wipe

CLINELL PRODUCTS

Proven to kill at least 99.999% of germs – These wipes are one of the most effective products on the market.







DISPENSING

A range of dispensing units with a wall mountable board designed to offer all that is required for a three-step skin safety programme, to individual dispensing units utilising a variety of specialist hand cleaners and protective creams.







SWARFEGA

Rapid action classic smooth green gel formula hand cleanser, easy to apply and quick rinsing to remove ingrained oil, grease & general grime.



SAFETY SIGNS

A huge signage range.

Our huge range of safety signs are designed to meet local and government regulations and we supply sign products for construction, building, warehouse, office and workplace environments.



BESPOKE

We offer both premade signs as well as bespoke designs to your specification. We provide a comprehensive range of safety signs compliant with B.S legislation.























































HAMMERITE

Hammerite direct to rust, metal paint, suitable for painting directly onto rusty surfaces and, with its specially devised formula, there is no need to use a primer or undercoat. Corrosion resistant and suitable for use on a wide range of exterior metal products.



GRAFFITI REMOVAL

Graffiti remover spray designed to remove road marker over spray, felt tip and biro. Suitable for use on most common surfaces including brick, stone, metals, concrete and most plastics.



SAFETY LADDERS XTEND & CLIMB ProSeriesDeveloped specifically for the Every type of ladder to make access easy. professional, contractor, or C.I.G. Ltd are suppliers of ladders surveyor. The ergonomic & ladder access products. We can design provides quick and source & supply high quality ladder easy adjustment rung by rung, to exactly the operating height products from a huge range, with the that you need. flexibility to deliver to site as required. **STEP LADDERS** Light trade duty steps with large alloy platform. Deep alloy **SPECIAL ACCESS** treads for added comfort. A range of specialist Integral side handrails fitted ladders are available to both sides. We have a wide overcome most selection of step ladders accessibility issues. available in a large range of sizes and designs. We can offer both platform and swing back choices so you can be assured to have the right product to suit your needs. **ALUMINIUM EXTENSION LADDERS** Suitable for industrial applications. The tough box section stiles are fitted with large rungs. 89

SAFETY

LOCKS

Make illegal access hard.

C.I.G. Ltd supply's reliable padlock solutions that allow you to protect your premises and property. Whether an office, shop, warehouse, factory, yard store, container or tool-box. Locks also to protect mobile property. Our portfolio includes bicycle locks, motorcycle locks, and load securing equipment.







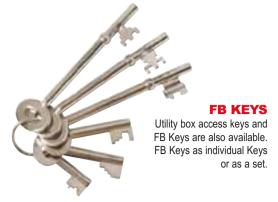




VAN LOCKS

Ideal for use for example on double wing doors this universal hasp with integrated disc padlock to secure doors and gates without rebate, will fit on most common transport and storage containers.









Pack of three colours



Padlocks with cables and chains are ideal for securing a wide range of objects. High-security chains with hardened eyes are not only suitable for securing bikes - pumps, generators and many other tools can be secured in this way.













NAV / COMM

GPS

Personal Navigators: handheld, with fast satellite acquisition in the toughest conditions. Rugged, waterproof case features military-tough construction. Providing one-hand operation. Day or night, rain or shine.





MOBILE PHONES

We supply a comprehensive selection of state-of-the-art devices offering the very latest in high tech and intuitive electronics.





DASH CAMS

Award Winning and a Professional Motor Mechanic Top Product. Available with full HD 1080 resolution and wide angled lens giving clear footage that allows you to pick out details. Exceptional low light performance means it can provide vital evidence even when driving at night. Hassle free to install and use. Automatically switches on when you start the engine – so you never miss a thing – and turns off once you park up so there's no risk of it draining the battery once you've turned the engine off. Loop recording continuously captures footage and will automatically save over old files so no need to manually replace SD cards.

C.I.G Facts

- We supply the latest GPS & dash cam devices
- Smartphones, digital organisers
- Laptops

TABLETS & LAPTOPS

We supply a range of tablets and laptops ideal for those looking for fast performance - in a super-compact and lightweight design. Offering easy-to-use intuitive functionality perfect for work, play, web browsing and more.

FIRST AID

HIGH QUALITY FIRST AID KITS

At C.I.G. Ltd, we offer some of the kits. Assembled with the most

first aid provisions to accommodate a and on-the-go travel bags.





























H&SE: MAKE SURE YOU COMPLY

NOTES





















Commercial & Industrial Gauges Ltd Unit 7, Coed Aben Road Wrexham Industrial Estate Wrexham LL13 9UH



COMMERCIAL & INDUSTRIAL GAUGES LTD













Commercial & Industrial Gauges Ltd Unit 7, Coed Aben Road Wrexham Industrial Estate Wrexham LL13 9UH

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