



baty

depth/height
gauges



Baty International has been in business since 1932. Originally, a manufacturer of high precision dial indicators and other associated instruments such as cylinder bore gauges.

Baty soon diversified into non-contact measurement with Optical Profile Projectors and the Baty 'Shadograph' series has since become an industry standard in profile projectors. These products are still manufactured in Sussex in accordance with ISO 9001:2000.

For decades Baty has employed a team of Field Based Service Engineers. Today, our service department is the largest ISO 9001:2000 accredited Projector Service Organisation in the UK offering on-site Service, Training, Retrofits, and Repair for all makes of Profile Projector and Vision Systems.

In keeping with its gauging roots, Baty acquired John Bull and British Indicators, extending its gauging range to include calipers and flexible fixturing.

The range was then completed in the eighties when our first camera based Video Inspectors were developed. Video Edge Detection (VED) was soon added giving rise to increased accuracy, repeatability and measuring speed.

Now all our vision systems offer the best of both worlds with the combination of non-contact (VED) and contact measurement using Renishaw's extensive touch probe range.

Today, Baty is an ISO 9001:2000 accredited company that offers a range of Metrology Instruments from Hand Tools to Vision Systems, offering measuring solutions for almost every measurement application in modern manufacturing and now, we've put them together into one catalogue for your convenience.

So, whether you need a digital caliper or a full CNC multi-sensing Vision system...

...it's here.

We look forward to talking to you.

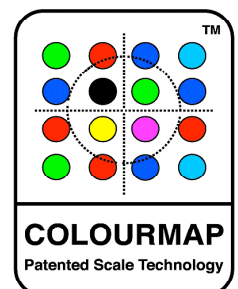
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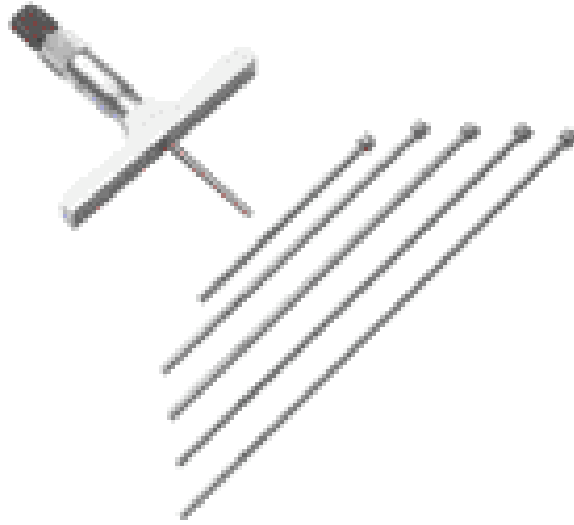
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ANALOGUE DEPTH MICROMETER

- 'Speeder' type ratchet
- Lock screw
- Interchangeable depth rods
- 4mm diameter
- 100mm / 4" base length
- 0-300mm / 0-12" set



Model	Range	Reading
DMSET-30A	0-300mm	0.01mm
DMSET-12A	0-12"	0.001"

DIGITAL DEPTH MICROMETER

Features

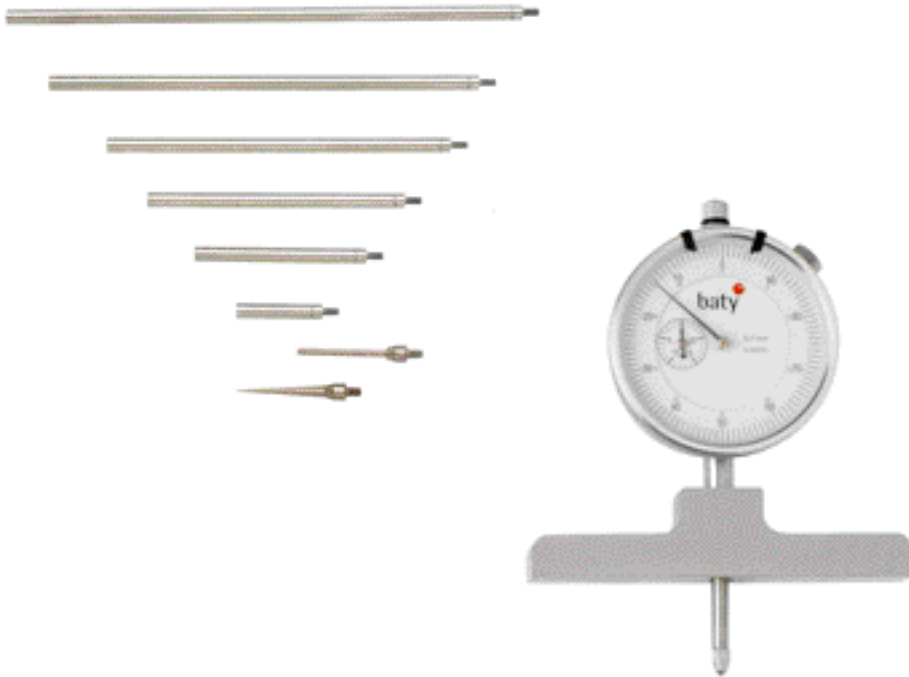
Standard: DIN 863

- Interchangeable rods
- Rods are hardened and the measuring faces are micro-lapped
- Features 'easy to read' large 7.5mm character height, digital display
- 'Soft keys' for maximum operating comfort
- Constant force ratchet thimble
- Satin chrome finished base
- Functions: mm / inch conversion, tolerance indication, ABS / INC, preset, on / off, zero - setting, battery low indication



Model	Capacity	Resolution	Base
DMSET-30-D	0 - 300mm / 0 - 12"	0.001mm / 0.00005"	4" / 100mm

DIAL DEPTH GAUGE



Features:

- 0-25mm travel indicator
- Satin chrome finish
- Rods connect together for full 550mm capacity
- Base size: 100mm
- Includes 2 extra points for small hole applications

Model	Capacity	Resolution
DG-550-A	0-550mm	0.01mm

DIGITAL DEPTH GAUGE



Features:

- 0-25mm / 0-1" travel indicator
- Inch / mm conversion
- Zero setting at any position
- Rods connect together for full 550mm capacity
- Base size: 100mm
- Includes 2 extra points for small hole applications

Model	Capacity	Resolution
DG-550-D	0-550mm / 0-22"	0.01mm / 0.0005"

DUAL PLANE DIGITAL HEIGHT GAUGE

The choice for all your small parts

- Range up to 0-600mm
- No surface plate required
- Measures offset components
- Can be used as an ordinary digital caliper
- Easy to use clear readout
- Large ground face to ensure component square when being measured
- 0.010mm resolution (0.0005")



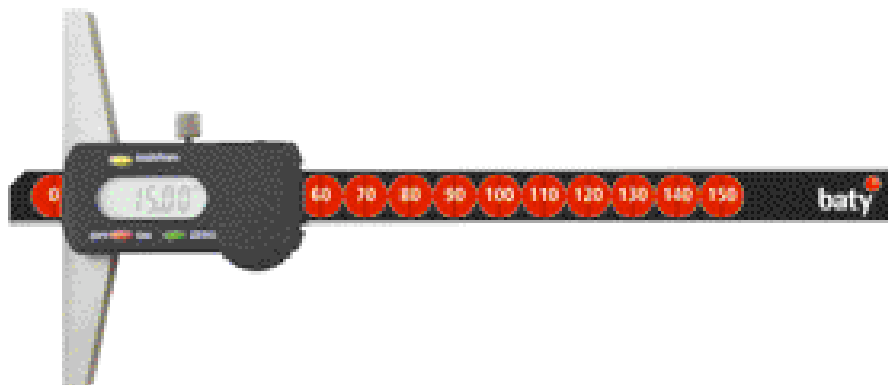
DHG-300 and DHG-600

300mm and 600mm models supplied with dial indicator mounting feature.



Model	Capacity	Resolution	Accuracy
DHG-150	0-150mm / 0-6"	0.01mm / 0.0005"	+/-0.03mm / 0.0012"
DHG-300	0-300mm / 0-12"	0.01mm / 0.0005"	+/-0.04mm / 0.0015"
DHG-600	0-600mm / 0-24"	0.01mm / 0.0005"	+/-0.05mm / 0.002"

DIGITAL DEPTH CALIPER



Features

- Top quality digital depth caliper
- Modern design
- Large 7.5mm character height digital display
- Long life guaranteed
- Ground micro-lapped measuring surfaces
- Functions: mm / inch conversion, on/off, data-output, zero-setting, battery low indication

Model	Range	Resolution	Length of Base
DDC-15	0-150mm / 0-6"	0.01mm / 0.0005"	100mm
DDC-20	0-200mm / 0-8"	0.01mm / 0.0005"	100mm
DDC-30	0-300mm / 0-12"	0.01mm / 0.0005"	100mm

DIGITAL HEIGHT GAUGE



Features

- Heavy duty beam
- Handwheel for ease of use
- ABS / INC measurement
- Large LCD display
- Inch / mm conversion
- Positive lock carbide scriber
- Supplied in moulded case

Model	Capacity	Resolution	Accuracy
DHG-1	0-300mm / 0-12"	0.01mm / 0.0005"	+/-0.04mm / 0.0015"
DHG-2	0-600mm / 0-24"	0.01mm / 0.0005"	+/-0.05mm / 0.002"

DIGITAL TYRE TREAD DEPTH GAUGE

Features

- Spring loaded with a hold measurement button for ease of use
- Large LCD display
- Supplied on retail packaging
- Vinyl holder supplied as standard



Model	Capacity	Resolution
TG25-D	0-25mm / 0-1"	0.01mm / 0.0005"

TYRE TREAD DEPTH GAUGE

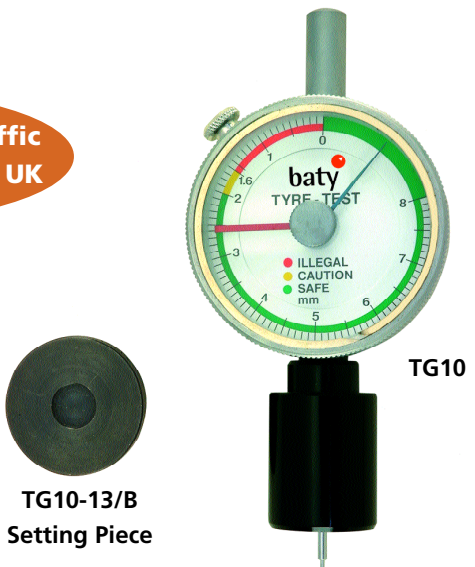
The Baty tyre tread depth gauge has been specially designed to measure the remaining tread depth on motor vehicle tyres to a very high degree of accuracy.

Many simple gauges currently available give only an approximate indication of depth, and have been found inaccurate up to 0.5mm. Such errors could be the difference between legal and illegal!

The gauge can be supplied with a calibration certificate traceable to national standards if required.

Tyre gauge comes supplied in a pvc wallet.

As supplied to police traffic divisions throughout the UK



TG10-13/B
Setting Piece

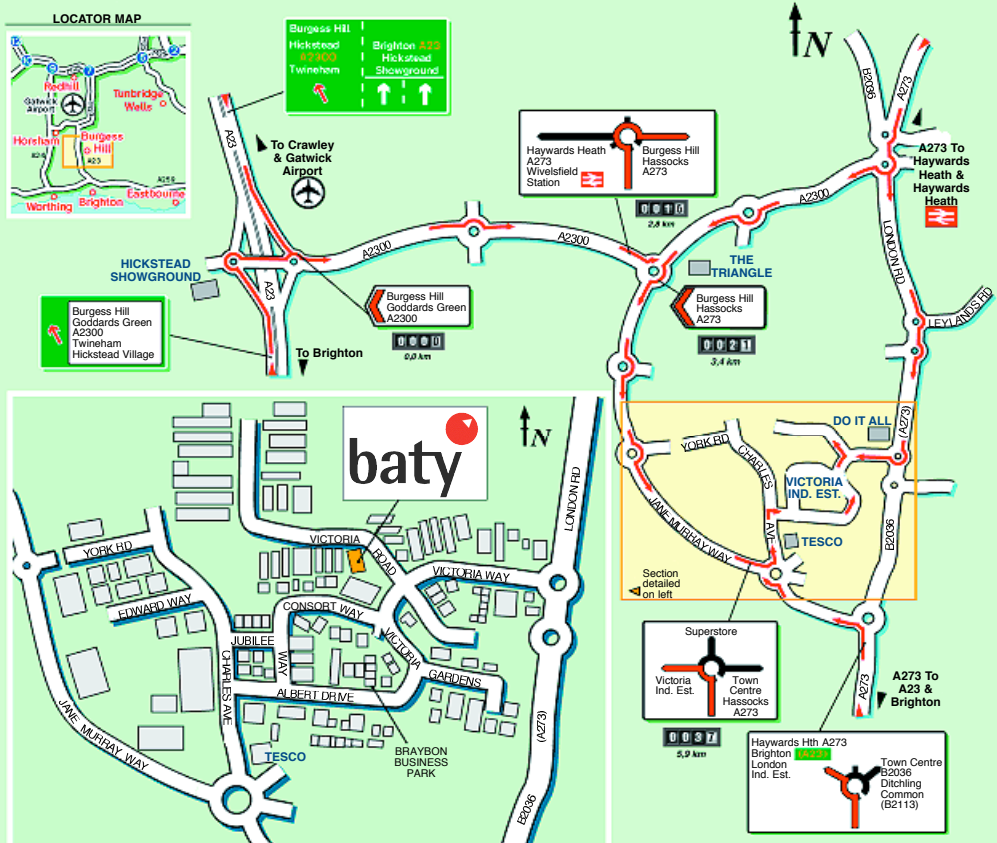
The Baty tyre tread gauge has colour-coded bands on the dial:

GREEN BAND: tread depth in excess of 2mm and is therefore safe/legal

YELLOW BAND: tread depth between 2mm and 1.6mm: depth legal but **CAUTION** – tyre will need replacing very soon

RED BAND: tread depth less than 1.6mm: **ILLEGAL!** Tyre must be replaced

How to find us...



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