



baty

major
calipers



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.

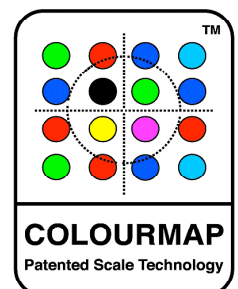
Geoff Jackson
Managing Director

Tel +44 (0) 1444 235621

Fax +44 (0) 1444 246985

Email: sales@baty.co.uk

Website: www.baty.co.uk



T: 01444 235621 E: sales@baty.co.uk www.baty.co.uk

MAJOR CALIPERS

An extensive range of dial caliper gauges for measuring both internal and external dimensions.

These instruments can be used as direct reading instruments for quick checking of components such as castings prior to machining or for the checking of wall thickness in difficult to measure components such as valve or pump bodies.

Alternatively they can be used as a comparative gauge when set to a measuring standard and the indicator zeroed. When used as a comparative gauge it is generally recognised that a higher standard of accuracy is achieved.

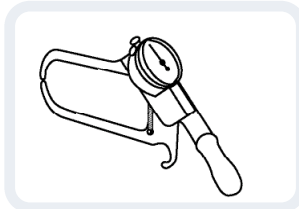
For finer reading options, please contact our sales team.



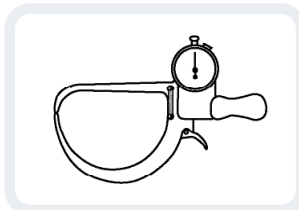
725-M



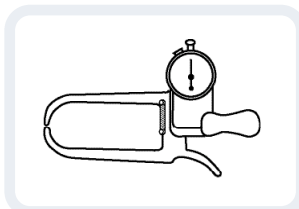
700-M



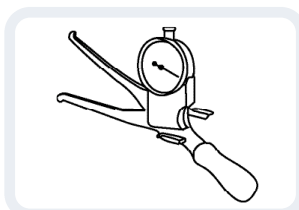
Series	Range	Arm length
705	0 - 50mm (0 - 2")	150mm (6")
710	0 - 50mm (0 - 2")	254mm (10")



Series	Range	Arm length
725	0 - 50mm (0 - 2")	150mm (6")
730	0 - 50mm (0 - 2")	254mm (10")



Series	Range	Arm length
800	0 - 50mm (0 - 2")	150mm (6")
802	0 - 50mm (0 - 2")	254mm (10")

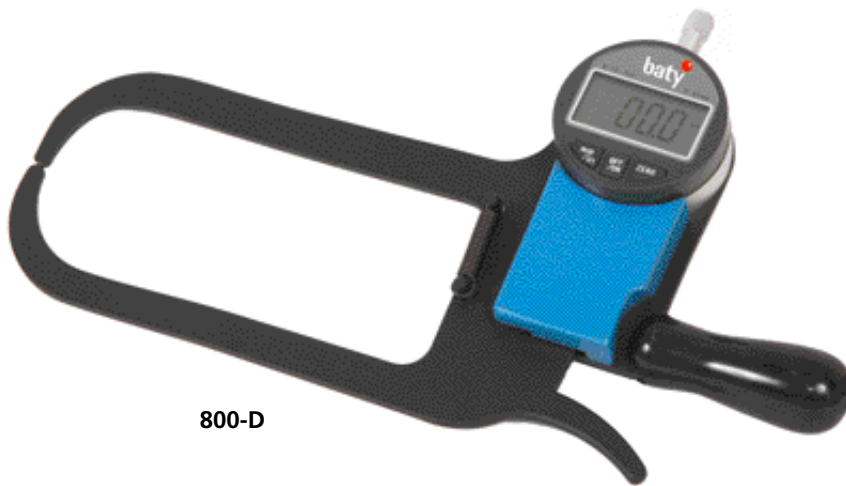


Series	Range	Arm length
700	23 - 73mm (7/8" - 2 7/8")	100mm (4")

Custom frame designs available for specific applications

– contact us with your requirements

Every major caliper comes fitted with an indicator. Whether fitted analogue or digital, these indicators are specially adapted for use on major calipers and are calibrated along with the instrument. Under no circumstances should indicators be interchanged between instruments.



800-D

External Gauging

Model	Reading	Measuring Range	Arm Length
705-M	0.1mm	0-50mm	150mm
705-I	0.010"	0-2"	6"
705-D	0.1mm / 0.010"	0-50mm / 0-2"	150mm / 6"
710-M	0.1mm	0-50mm	254mm
710-I	0.010"	0-2"	10"
710-D	0.1mm / 0.010"	0-50mm / 0-2"	254mm / 10"
725-M	0.1mm	0-50mm	150mm
725-I	0.010"	0-2"	6"
725-D	0.1mm / 0.010"	0-50mm / 0-2"	150mm / 6"
730-M	0.1mm	0-50mm	254mm
730-I	0.010"	0-2"	10"
730-D	0.1mm / 0.010"	0-50mm / 0-2"	254mm / 10"
800-M	0.1mm	0-50mm	150mm
800-I	0.010"	0-2"	6"
800-D	0.1mm / 0.010"	0-50mm / 0-2"	150mm / 6"
802-M	0.1mm	0-50mm	254mm
802-I	0.010"	0-2"	10"
802-D	0.1mm / 0.010"	0-50mm / 0-2"	254mm / 10"

Internal Gauging

700-M	0.1 mm	23 - 73mm	100mm
700-I	0.010"	0.875" - 2.875"	4"
700-D	0.1mm / 0.010"	23 - 73mm / 0.875" - 2.875"	100mm / 4"

DIAL THICKNESS GAUGES

Baty dial thickness gauges are direct reading instruments for quick and accurate measurement of rod, strip or sheet material.

All standard instruments are supplied with 10mm (0.39") diameter flat contacts.

The well balanced frame and handgrip make these thickness gauges very easy to use for the measurement of sheet materials.

The range of throat depths permit measurements to be made across the sheet. The lifting lever and spring-loaded spindle ensures controlled contact pressure on the work.

Larger anvils available, see page 15 – (price on application).

FTI and FTM

FTI and FTM thickness gauges are supplied in a wooden case

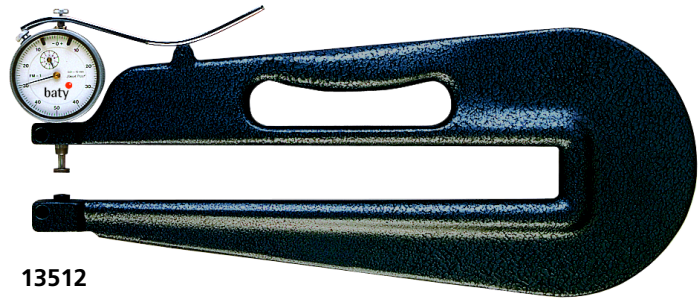
Larger anvils available, see page 15 – (price on application).

FPMP-1

Particularly useful for measuring materials where fine measurement is not required, for example, plywood. The measuring contacts are closed by pushing down the spindle with the fingers.

Supplied in a wooden case.

Larger anvils available, see page 15 – (price on application).



13512

135 series

Model	Indicator Reading	Range per rev.	Capacity	Dial Graduation	Throat Depth
1353	0.01mm	1mm	10mm	0-100	100mm
1356	0.01mm	1mm	25mm	0-100	100mm
1359	0.01mm	1mm	25mm	0-100	200mm
13512	0.01mm	1mm	25mm	0-100	300mm
1351	0.001"	0.1"	0.5"	0-100	4"
1354	0.001"	0.1"	1"	0-100	4"
1357	0.001"	0.1"	1"	0-100	8"
13510	0.001"	0.1"	1"	0-100	12"



FTM-1



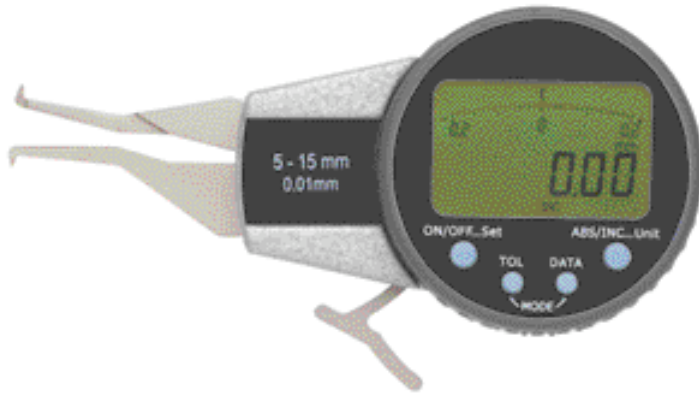
FPMP-1

FT Series

Model	Indicator Reading	Range per rev.	Capacity	Dial Graduation	Throat Depth
FTM-1	0.01mm	10mm	10mm	0-100	30mm
FTM-5	0.01mm	10mm	25mm	0-100	50mm
FTI-1	0.001"	0.1"	0.5"	0-100	1.2"
FTI-5	0.001"	0.1"	1"	0-100	2"
FPMP-1	0.1mm	10mm	25mm	0-10	50mm

Contact our sales team for finer reading options

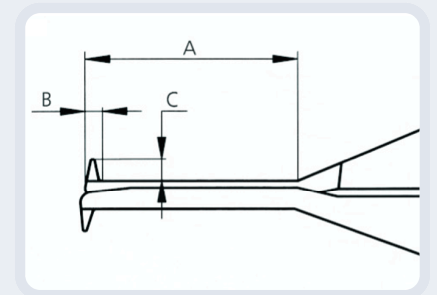
INTERNAL DIGITAL CALIPER



Features

- Large LCD display
- 0.01mm or 0.0005" resolution
- Preset capability
- Direct inch / metric conversion
- Absolute / incremental measurements

Model	Range mm	Range Inch	A (mm)	Dimensions B (mm)	C (mm)	Contact Radius
IDMC5-15	5 - 15mm	0.2-0.6"	20.0	1.0	1.5	0.3
IDMC15-20	10 - 20mm	0.4-0.8"	25.0	1.5	3.0	0.3
IDMC20-30	20 - 30mm	0.8-1.2"	30.0	2.0	6.5	0.5
IDMC30-40	30 - 40mm	1.2-1.6"	30.0	2.5	9.0	0.5
IDMC40-50	40 - 50mm	1.6-2.0"	30.0	2.5	9.0	0.5



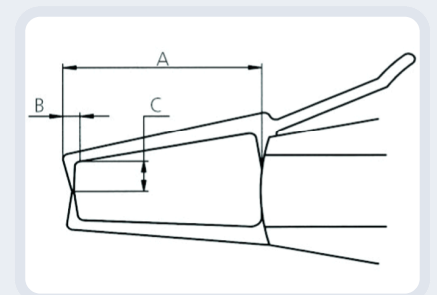
EXTERNAL DIGITAL CALIPER



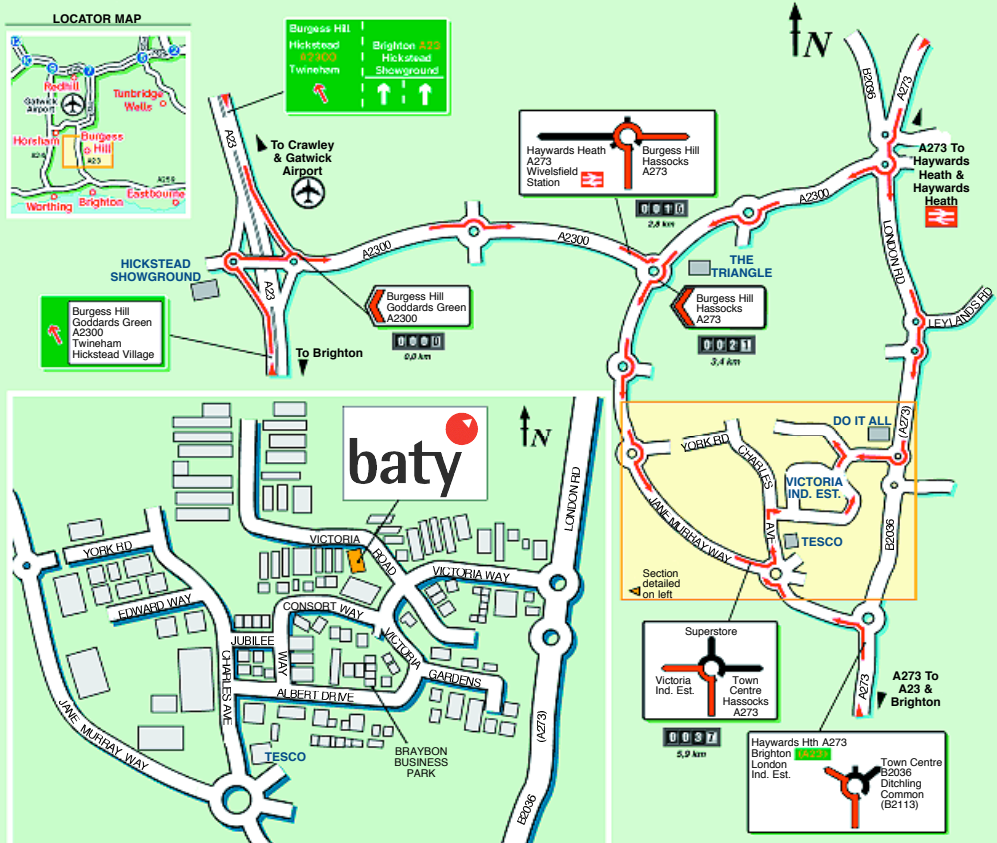
Features

- Large LCD display
- 0.01mm or 0.0005" resolution
- Preset capability
- Direct inch / metric conversion
- Absolute / incremental measurements

Model	Range mm	Range Inch	A (mm)	Dimensions B (mm)	C (mm)	Contact Radius
EDMC-0-10	0 - 10mm	0.2 - 0.4"	40.0	3.0	8.0	0.5mm
EDMC-10-20	10 - 20mm	0.4 - 0.8"	40.0	3.0	8.0	0.5mm
EDMC-20-30	20 - 30mm	0.8 - 1.2"	40.0	3.0	8.0	0.5mm
EDMC-30-40	30 - 40mm	1.2 - 1.6"	40.0	3.0	8.0	0.5mm
EDMC-40-50	40 - 50mm	1.6 - 2.0"	40.0	3.0	8.0	0.5mm



How to find us...



Baty International

Victoria Road, Burgess Hill, West Sussex RH15 9LR

Tel +44 (0) 1444 235621

Fax +44 (0) 1444 246985

Email: sales@baty.co.uk

Website: www.baty.co.uk

Distributed by:



Baty International

Victoria Road, Burgess Hill,

West Sussex RH15 9LR

Tel +44 (0) 1444 235621

Fax +44 (0) 1444 246985

Email: sales@baty.co.uk

Website: www.baty.co.uk



Official sponsors of **HAWK** **Kawasaki** British Superbike Team