

The background features a detailed illustration of a micrometer scale. The main scale is curved and has markings for 10, 20, 30, and 40. A secondary scale is visible on the right, with markings from 0 to 9. A red dot with a white arrow points to the top right of the main scale.

baty

micrometers



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.

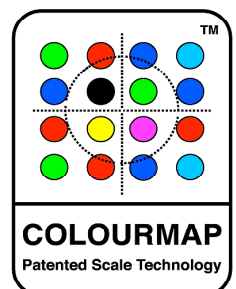
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PRECISION MICROMETERS

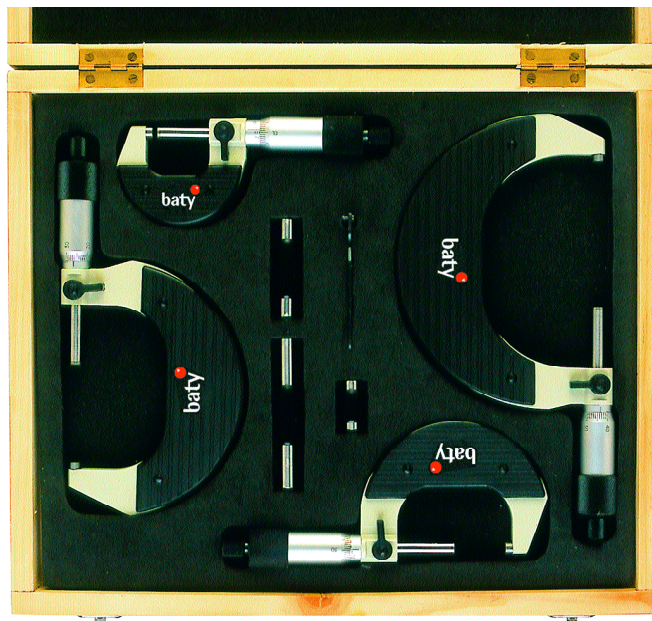
Each of the high quality micrometers in this range has a unique serial number and is supplied with a calibration certificate showing actual errors in four places over the measuring range.

The range includes standard 10 micron versions and high resolution 1 micron ranges and includes a boxed set of four micrometers, with setting pieces, covering the most common 0-4" capacity requirement.

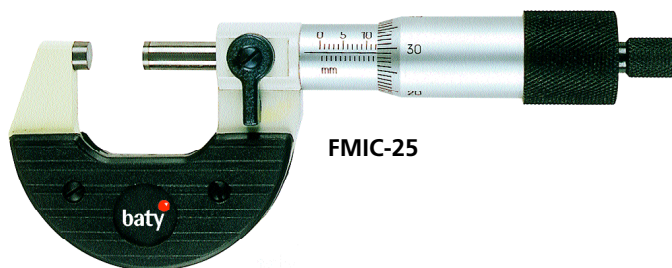
Benefits include:

- A calibration certificate (supplied with each unit)
- Lapped carbide tipped measuring faces and angled markings for clear reading
- Simple one handed use thanks to the convenient location of the ratchet clutch
- Reliability in use due to secure zero setting and a unique design of spindle lock
- Heat insulated frame

**MS706
Micrometer
Bench Stand**



FMIC – SET 4



FMIC-25

General Purpose Micrometers

Model	Range	Resolution
FMIC-01	0-1"	0.001"
FMIC-02	1-2"	0.001"
FMIC-03	2-3"	0.001"
FMIC-04	3-4"	0.001"
FMIC-25	0-25mm	0.01mm
FMIC-50	25-50mm	0.01mm
FMIC-75	50-75mm	0.01mm
FMIC-100	75-100mm	0.01mm
FMIC-125	100-125mm	0.01mm
FMIC-150	125-150mm	0.01mm
FMIC-175	150-175mm	0.01mm
FMIC-200	175-200mm	0.01mm

High Precision Micrometers

FMIC-25/HR	0-25mm	0.001mm
FMIC-50/HR	25-50mm	0.001mm
FMIC-75/HR	50-75mm	0.001mm
FMIC-100/HR	75-100mm	0.001mm

Micrometer Sets C/W setting masters

FMIC-SET04	0-4"	0.001"
FMIC-SET100	0-100mm	0.01mm
FMIC-SET100HR	0-100mm	0.001mm



DIGITAL MICROMETERS



DM-1

- IP54 protection level can be used when exposed to coolant water, dust and oil
- Large LCD
- Inch-metric and zero setting
- SPC output
- Friction thimble
- Chrome plated frame
- Carbide tips
- Resolution 0.001mm (0.00005")
- Automatic power off
- Easy single-handed use
- Heat insulated frame

Digital Micrometers

Model	Resolution	Range
DM-1	0.001mm / 0.00005"	0-25mm
DM-2	0.001mm / 0.00005"	25-50mm
DM-3	0.001mm / 0.00005"	50-75mm
DM-4	0.001mm / 0.00005"	75-100mm
DM-5	0.001mm / 0.00005"	100-125mm
DM-6	0.001mm / 0.00005"	125-150mm
DM-7	0.001mm / 0.00005"	150-175mm
DM-8	0.001mm / 0.00005"	175-200mm



MS706

DIGITAL MICROMETER SET



New from Baty this high quality precision micrometer set features four digital micrometers and setting pieces.

Each micrometer features the latest high contrast 'Supertwist' digital LCD display and is ergonomically designed for comfort.

The frame has a thumb lock and heat insulation grip and has fixed carbide anvils. The fixed length barrel features a friction clutch for repeatable results.

- Absolute / Incremental mode allows fixed and floating datums.
- Metric / imperial direct conversion
- 0.001mm / 0.0001" resolution
- Ergonomic design
- IP54 Rating
- Full 1 year warranty
- Exceptional value
- Ball anvil adaptor
- Complete with setting pieces

Model	Range	Ball Anvils	Setting Rods
DM-SET-4	0-100mm	Included	Included

DIGITAL UNIVERSAL ANVIL MICROMETER

Features

Standard: DIN 863

- Digital outside micrometer with 'easy read' large 7.5mm character height, digital display
- Features interchangeable universal anvil inserts for different purposes
- Full set of inserts included, flat, disc, spline, conical, V-shaped, blade, point
- Tapered for easier access to difficult areas
- 'Soft keys' for maximum operating comfort
- Long life guaranteed
- Features non-rotating spindle and constant force ratchet thimble
- Hammertone finished frame with high quality insulated grip
- Functions: mm / inch conversion, tolerance indication, ABS / INC, preset, on / off, zerosetting, data-output, battery low indication
- Packed in plastic box with standard and adjusting key

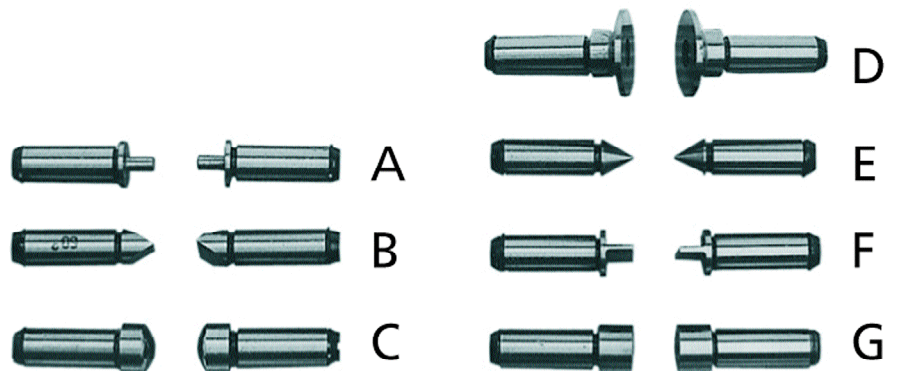


Model	Range	Resolution
DUAM-1	0-25mm / 0-1"	0.001mm / 0.00005"
DUAM-2	25-50mm / 1-2"	0.001mm / 0.00005"
DUAM-3	50-75mm / 2-3"	0.001mm / 0.00005"
DUAM-4	75-100mm / 3-4"	0.001mm / 0.00005"

ANVILS

Anvils Included

- A: 2mm diameter spline
- B: 0.35mm diameter knife edge
- C: 6.5mm diameter R5 spherical
- D: 12mm diameter disc
- E: 0.3mm diameter point
- F: 0.7mm diameter blade
- G: 6.5mm diameter x 4.5mm flat



DIGITAL THREAD MICROMETER WITH ANVILS



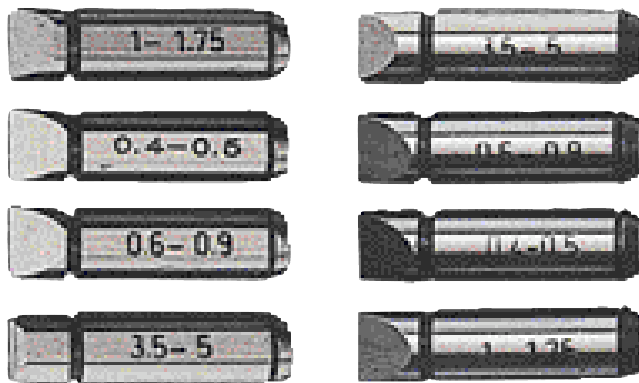
Features

Standard: DIN 863

- Digital outside micrometer with 'easy read' large 7.5mm character height, digital display
- Features 5 sets of interchangeable v-anvil inserts for different metric pitches
- Full set of metric anvil inserts included
- Tapered for easier access to difficult areas
- Modern design
- Soft keys' for maximum operating comfort
- Long life guaranteed
- Features non-rotating spindle and constant force ratchet thimble
- Hammertone finished frame with high quality insulated grip
- ABS/INC, preset, on / off, zero-setting, data-output, battery low indication
- Packed in plastic box with standard and adjusting key

Model	Range	Resolution
DTM-1	0-25mm / 0-1"	0.001mm / 0.00005"
DTM-2	25-50mm / 1"-2"	0.001mm / 0.00005"
DTM-3	50-75mm / 2"-3"	0.001mm / 0.00005"
DTM-4	75-100mm / 3"-4"	0.001mm / 0.00005"

METRIC AND IMPERIAL INSERTS

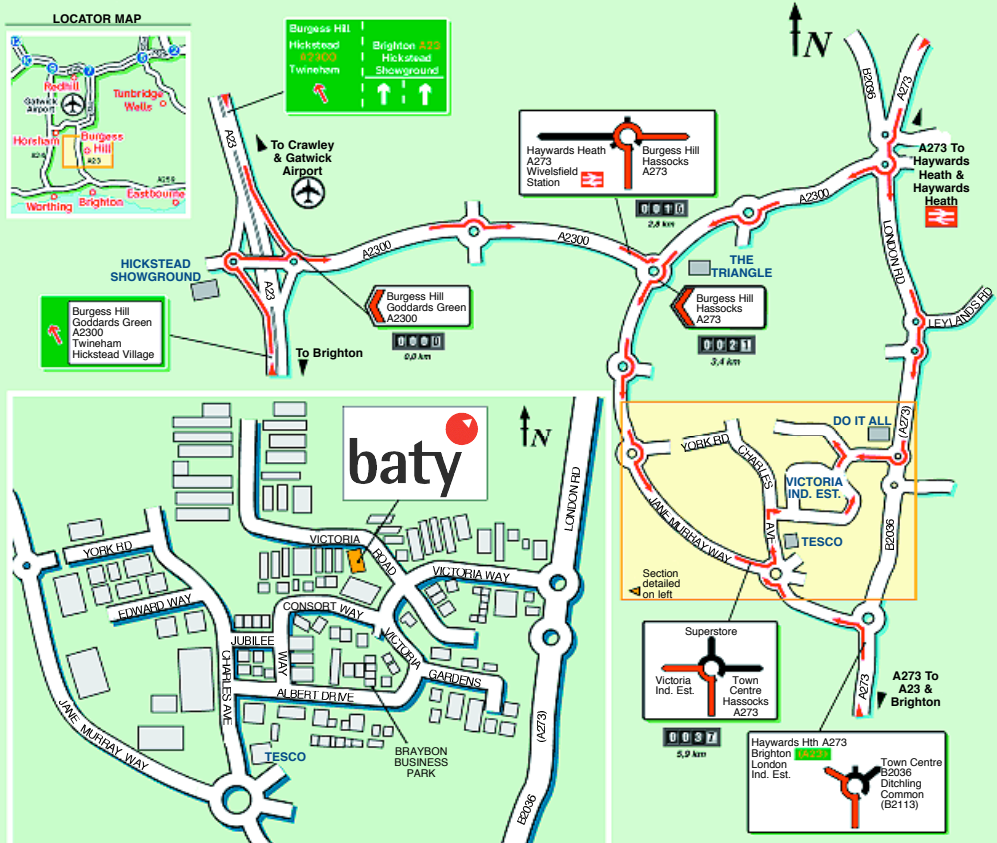


Features

- Supplied in sets of 2 parts
- Available in metric pitch (mm) or imperial (Inch)

Model	Range	Model	Range	Model	Range
TA-1	0.4 - 0.5mm	TA-7	60 - 48TPI	TA-13	14 - 10TPI
TA-2	0.6 - 0.9mm	TA-8	48 - 40TPI	TA-14	10 - 7TPI
TA-3	1.00 - 1.75mm	TA-9	40 - 32TPI	TA-15	7 - 4.5TPI
TA-4	2.00 - 3.00mm	TA-10	32 - 24TPI	TA-16	4.5 - 3.5TPI
TA-5	3.50 - 5.00mm	TA-11	24 - 18TPI		
TA-6	5.50 - 7.00mm	TA-12	18 - 14TPI		

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