Digital Micrometer
Model: D0011

a measurable difference...

IDM instruments

The Digital Micrometer is used to measure the thickness of paper, plastic, tissue and other sheeted material. It automatically cycles up and down at the push of a button, providing an accurate and repeatable thickness reading at the end of each cycle. The robust design Digital Micrometer is provided with two plane, parallel, circular pressure faces, between which the material is placed for measurement. The standard instrument comes with a measuring pressure of 2kPa, with the option of 20kPa, 50kpa or 100kPa instrument dependent on your application and requirements. The pressure feet are easily interchangeable to allow for quick and precise testing every time.

Applications:

- Paper
- Plastic
- Tissue

Features:

- Pressure: 2kPa
- Range: 0 -12mm
- Resolution: 0.001mm
- Accuracy: ± 0.001
- Anvil: 55mm Ø
- Pressure Foot: 35.7mm Ø
- Lowering Speed: 1 ± 0.1mm/ sec
- Parallel: Better than 5um
- RS232

Benefits:

- Easy to use
- Fast results
- Accurate

Options:

- 20kPa Unit: (35.7mm Ø Pressure Foot, 1 ± 0.1mm/ sec Lowering Speed)
- 50kPa Unit: (16mm Ø Pressure Foot, 0.8 ± 0.1mm/ sec Lowering Speed)
- 100kPa Unit: (16mm Ø Pressure Foot, 1 ± 0.1mm/ sec Lowering Speed)
- Other pressures are available upon request

Standards:

- AS1301.426s
- BS 7387
- ISO 534: 1988
- TAPPI T 411
- ASTM D645
- ISO 3034
- FEFCO No.3
- SCAN P31

Dimensions:

- **H:** 270mm
- **W:** 250mm
- **D:** 300mm
- **Weight:** 18.5kg

Connections:

- **Electrical:** 220/240 VAC @ 50 HZ or 110 VAC @ 60 HZ

(please specify when ordering)

10 - 11 Colrado Court
Hallam, Victoria 3803 Australia
Ph: +61 3 9708 6885
Fax: +61 3 9708 6770
Email: idm@idminstruments.com.au
Web: www.idminstruments.com.au