

*a measurable difference...*



## Digital Micrometer

### Model: D0011

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 a 20kPa, 50kPa or 100kPa instrument dependant 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 +
- Anvil: 55mm Ø
- Pressure Foot: 35.7mm Ø
- Lowering Speed:  $1 \pm 0.1$ mm/ sec
- Accuracy: 0.001
- RS232

### Standards:

- AS1301.426s
- BS 7387
- ISO 534: 1988
- TAPPI T 411
- ASTM D645

### Options:

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

### Connections:

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

*(please specify when ordering)*

### Dimensions:

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



10-11 Colrado Court, Hallam, Victoria 3803 Australia.

Phone: +61 3 9708 6885

Fax: +61 3 9708 6770

Website: [www.idminstruments.com.au](http://www.idminstruments.com.au)

Email: [idm@idminstruments.com.au](mailto:idm@idminstruments.com.au)

All sizes and dimensions shown on this data sheet are averages only and images are as accurate as the medium allows. Products and details shown may change without notice as IDM Instruments Pty Ltd<sup>®</sup> reserves the right to make alterations to its product range from time to time.