

# AU - 1004 F PROGRAMMABLE THICKNESS MICROMETER (Automatic)



*Motorized, automatic / manual mode sturdy, easy to use and "push the button" operation. Digital Display, (LVDT) differential transformer used as measuring transducer with high accuracy, measurement in micron, mm, cm, inch, and mills.*

- *Measuring range : 0-15 mm*
- *Max stroke : 18 mm*
- *Resolution : 1 um (0.00004")*

## SPECIFICATIONS

<b>Measuring Range</b>	: Individual values or mean value only
<b>Measuring Range</b>	: 0-15 mm
<b>Max Stroke</b>	: 18 mm
<b>Max throat depth</b>	: 80 mm
<b>Resolution</b>	: 1 um (0.00004")
<b>Accuracy</b>	: 0-500 um $\pm$ 1 um 500 um - 15 mm $\pm$ 0.2%
<b>Test surface</b>	: 2 cm <sup>2</sup> Hardened and lapped stainless steel
<b>Dead weight load</b>	: 1000 and 2000 g,
<b>Measuring pressure</b>	: 50 or 100 kPa,
<b>Lowering speed</b>	: Constant lowering speed stepwise adjustable between 0.8 mm/s and 3 mm/s (0.03 inch/s - 0.12 inch/s)
<b>Lifting speed</b>	: 5mm/s (0.2 inch/s)
<b>Unit</b>	: um (micron), mm, cm, inches or mil
<b>Cycling</b>	: Auto/Manual
<b>Computer output</b>	: RS 232 C

### APPLICABLE STANDARD

(TAPPI T 411, SCAN-P7, ISO 534, APPITA, AS 1301, 426 & 427, DIN 53 105)

<b>Power supply</b>	: 220 V, 50 Hz
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### Changes:

UEC products undergo continuous development. The technical data in this catalogue are therefore subject to change