

## Force measuring cell

With digital measurement display 74 mm

**METRON®**

### Application:

For static and quasi-static force measurement on machines and equipment, e.g. hydraulic presses, rolling machines, calenders, bending machines, strength testing machines, torque meters etc.

### Execution:

- Digital manometer, diameter 74 mm, 4-digit LCD display, 12.7 mm digit size, rotatable through 350°, with peak value memory
- Force measuring cell made from VA steel in slim design
- 2x fixing threads on housing floor
- Error limit 0.5% of final value
- Optional: Shim required for non-fixed placement of the manometer in horizontal applications

### Advantage:

- Very slim design for in constricted spaces
- Manometer rotatable through 350° for convenient reading in any installation position

### Delivery:

With calibration certificate, in plastic case



<b>Art. no.</b>	<b>44425 140</b>
<b>Brand</b>	METRON
<b>Manufacturer Part Number</b>	SPX-II MAN-SD1S-40 KN
<b>Min./max. force of measuring range</b>	0-40 kN
<b>Digit increment, force</b>	0.01 kN
<b>Outer diameter</b>	75 mm
<b>Overall height of force sensor</b>	30 mm
<b>Piston diameter</b>	45 mm
<b>Protruding piston height</b>	2 mm
<b>Fastening thread</b>	2 x M6
<b>Fastening thread clearance</b>	55 mm
<b>Mean distance between manometer and force sensor</b>	111 mm
<b>Error limit, based on end value</b>	0.5%
<b>Manometer diameter</b>	74 mm
<b>Gross Weight</b>	1.680 kg
<b>Product Group</b>	444