

## Force measuring cell

Flat shape

METRON®

### Application:

Particularly suitable for static and quasi-static force measurement of clamping forces on e.g. vices.

### Execution:

- Analogue manometer, diameter 63 mm with trailing pointer
- Force measuring cell made from stainless steel
- Incl. factory inspection log

### Advantage:

- Secure base due to flat shape
- High-quality stainless steel design

### Delivery:

Force measuring cell incl. work calibration certificate, in plastic case



<b>Art. no.</b>	<b>44425 720</b>
<b>Brand</b>	METRON
<b>Manufacturer Part Number</b>	SIMPLEX SKM GR.I_D40/2
<b>Model</b>	SIMPLEX I
<b>Min./max. force of measuring range</b>	0-25 kN
<b>Scale value, force</b>	1 kN
<b>Outer diameter force transducer</b>	90 mm
<b>Overall height of force sensor</b>	38 mm
<b>Piston diameter</b>	56 mm
<b>Protruding piston height</b>	2 mm
<b>Distance between contact surface and centre of piston</b>	35 mm
<b>Mean distance between manometer and force sensor</b>	90 mm
<b>Distance Contact Surface to the middle of the pressure gauge</b>	125 mm
<b>Error limit, based on end value</b>	+/- 2 %
<b>Manometer diameter</b>	63 mm
<b>Gross Weight</b>	1.600 kg
<b>Product Group</b>	4CE