

## SUBITO SU internal precision measuring instrument

Carbide-tipped measuring pin; set with several devices



### Application:

For precise measuring of bores using the 2-point method. Turning and/or moving the device in the hole makes it possible to detect deviations from roundness or cylindricity.

### Execution:

- Fixed, interchangeable carbide-tipped measuring pin
- Movable carbide-tipped measuring pin

### Advantage:

- High repeatability 0.5–1.5  $\mu\text{m}$
- Self-centring in the bore hole
- INVAR pipe (special nickel alloy) guarantees minimum thermal expansion caused by body heat from hands or high ambient temperatures

### Delivery:

Without precision pointer, with calibration certificate, in wooden case



<b>Art. no.</b>	<b>33521 100</b>
<b>Brand</b>	SCHWENK
<b>Manufacturer Part Number</b>	11700002
<b>Min./max. diameter of measuring range</b>	50-160 mm
<b>Type</b>	SU
<b>Measuring depth</b>	230 mm
<b>Design of measuring contact</b>	Carbide
<b>Number of measurement heads</b>	2
<b>Number of measuring pins</b>	18
<b>Nominal dimension of spindle</b>	50-100 mm, increasing every 5 mm, 100-160 mm, increasing every 10 mm
<b>Number of measurement discs</b>	7
<b>Measurement disc thickness</b>	1 mm, 2 mm, 3 mm, 6 mm
<b>Gross Weight</b>	2.873 kg
<b>Product Group</b>	338