SAV 878.05 TESLAMETER

Compact device with large measuring range

APPLICATION

For measuring residual remanence on workpieces and tools, in holes and gaps. Suitable for micro magnetic fields and very strong fields. For measuring magnetic flux densities and the field distribution on magnetic chucks.

DESIGN

Lightweight and compact design. Housing protected against dirt. Energy-saving function for long battery life. Liquid crystal display (LCD) with digital measured value output. If the sensor is worn, it can easily be reordered and replaced (SAV 878.05 - S).

TECHNICAL DATA

- Automatic measuring range selection
- Display either in Tesla (T) or Gauss (G)
- Static and dynamic measurements
- Maximum value display for dynamic measurements
- Magnetic pole indicator N/S
- Zero-point adjustment
- Measuring range for static fields: 0 – 1500 mT
- Measuring range for dynamic fields: 0 – 750 mT
- Measuring accuracy: ±5 %
- service temperature: 0 – 40 °C
- Dimensions: 150 x 150 x 25 mm
- Weight: 0.25 kg

ORDERING EXAMPLE

Designation	SAV no.
Teslameter	SAV 878.05

SAV 486.40 HOLDING FORCE TESTER

For comparing magnetic workholding systems

APPLICATION

For measuring the holding force on:

- Permanent magnetic chucks
- Electro magnetic chucks
- Electro permanent magnetic chucks

APPLICATION

The required pressure can be generated by turning the screw clockwise with an Allen key. The integrated pressure piston is moved far enough so that the measuring cylinder is lifted off the magnet plate when the holding force limit is reached. More application information in chapter 1.4.

TECHNICAL DATA

- The displayed pressure in bar corresponds to the comparison pull-off force in daN/cm²: 0 – 25 bar according to 0 – 25 daN/cm².
- Weight: 2.0 kg
- Outer diameter: 50 mm

ORDERING EXAMPLE

Designation	SAV no.
Holding force tester	SAV 486.40