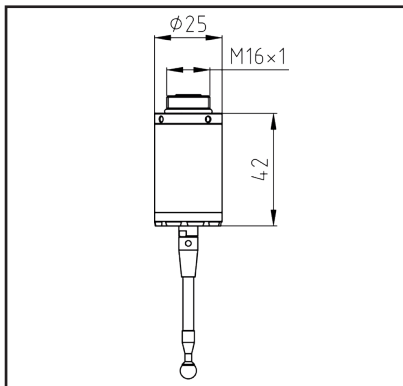


Characteristics of Probe

The TP200 probe has a flexible installation method and is suitable for CNC lathes and machining centers. It can be customized with various types of styli and accessories. The probe is sealed with metal cover and rubber, which has stronger protection performance.



Technical Parameters

The technical parameters of TP200 trigger probe :

- ◆ Stylus sensing direction: $\pm X, \pm Y, +Z$;
- ◆ Stylus sensing over-travel : $X-Y \pm 12^\circ, Z +5 \text{ mm}$;
- ◆ The trigger force in Z direction: 1000 g;
- ◆ Trigger force in X-Y surface (stylus length 50mm) : 100-160g;
- ◆ Unidirectional repeatability (2σ) : $\leq 1 \mu\text{m}$;
- ◆ Seal grade: IP68.

Technical Characteristics

- ◆ It forms a cable transmission measurement system with a probe shank. Such as TP300 and TP400 probe.
- ◆ Used in combination with OP500MS and RP610MS to form a measurement system that does not require direct connection, and upgrade and transform the original equipment. Such as OPS-20MS and RPS-20MS.
- ◆ Combined with the radio signal transmitter to form a radio transmission measurement system. Such as RPS-L11M.

Application

- ◆ Installed on a horizontal machine tool, it is used for workpiece measurement, tool setting and tool damage detection;
- ◆ Installed on a CNC machining center, it is used for workpiece measurement .