TTC200 cable tool setter consists of a hardware and the software. The model of the software is SP-T10; the hardware also has a mounting base.

### Technical Parameters
- The diameter of the touching pillar (for cutting tool touching): \(12.7 \pm 0.005\) mm; the pillar’s hardness: HM8.5;
- Sensing direction of the pillar: \(\pm X, \pm Y, -Z\);
- The trigger repeatability of the pillar (2\(\sigma\)): \(\leq 2\ \mu m\);
- Input voltage is \(24 \pm 10\%\) V DC and output load current is 50 mA;
- Seal grade: IP68.

### Technical Characteristics
- Tool setter transmits signal through cable, reversal connecting tool setter’s power supply can reverse the state of the output signal;
- The position of tool setter pillar can be roughly and precisely adjusted by the connecting link of the pillar and the adjusting link of tool setter for mounting.
- One LED indicator light is used to display the tool setter’s working state.

### Application
- Set lengths parameter of cutting tools automatically before CNC processing;
- Detect wear and breakage of cutting tools automatically between two processes or after the CNC processing;
- Through checking cutting tool parameters to control the change of machining precision from the temperature change of the machine;
- Applicable equipments: various specifications of machine centers, CNC milling machines, drilling-tapping machine centers, etc;
- Tool setter’s cable: TTC200 tool setter is equipped with 6m long, four-core, anti-oil shielding, moving cable and with a 3m-long stainless steel protecting sleeve.

### Notes for purchase
- As for the cable length, verify whether the cable length equipped is enough for installing the tool setter on your machine tool; If lengthening cable is needed, special instructions should be given when ordering the product;
- If the square pillar of tool setter is needed, customers should give special instructions when ordering the products.