# STANDARD MOTORISED HORIZONTAL STAND

## PCE-HTS 50



- **Large travel of 27 mm**
- **Limit value switch to limit the travel distance**
- **Distance display with zeroing**
- **Various connectable clamping devices**
- **Emergency stop switch to switch off**
- **Force range up to 5 N**

The horizontal force measuring stand has a force range of 5 N. With a travel of 27 mm, tensile strengths of large or elastic test objects can be checked. With the horizontal force measuring stand, the travel speed can be precisely set in 1 mm/min steps between 1... 5 mm/min. The horizontal force measuring stand is used, for example, in the quality inspection of foils, rubber bands or ropes.

The travel speed and travel mode can be set as desired on the horizontal force measuring stand. In manual mode, the horizontal force measuring stand only moves when the travel button is pressed. In automatic mode, this is done automatically. As soon as the clamping device has moved to a limit switch, the horizontal force measuring station stops automatically.

With the horizontal force measuring stand, the limit switches can be set as desired. This means that the travel path can be limited as required. This has several advantages. The limitation can thus prevent the measuring device from moving into the chuck. Another advantage is that, depending on the application, the tensile length can be defined during a tensile test.

In addition to the Universal Testing Machine, PCE Instruments also offers suitable force measurement systems that can be mounted on the horizontal force measurement stand. Different chucks are optionally available for a wide variety of test tasks. A large range of measuring tasks can thus be carried out with a single measuring system.

## Specification

| General technical data | |
|---|---|
| Menu language | English (US) |
| Power supply | 220 ... 240 V AC / 1.5 A |
| Connector type | IEC plug |
| Operating conditions | 10 ... 30 °C , 15 ... 80 %RH |
| Storage conditions | 10 ... 30 °C , 15 ... 80 %RH |
| Dimensions ( L x W x H ) | 650 x 260 x 200 mm |