

KERN TVO 500N500S-LD

Practical set for force-displacement-measurements in laboratory and industry



| | |
|-------------------------|----------|
| Measurement alignment | vertical |
| Traverse distance [Max] | 270 mm |

Functions

| | |
|---------------------------------|---|
| Speed display | ✓ |
| Repeat function | ✓ |
| Length measuring - zero setting | ✓ |
| Limit switch | ✓ |

Power Supply

| | |
|---|-----------------------|
| Supplied power supply | Power supply unit |
| Plug-in power supply type | Built-in power supply |
| Plug-in power supply / adapter for countries - optional | EURO UK CH |
| Input voltage power supply / power [Max] | 230 V AC, 50 Hz |
| Input voltage device / power [Max] | 230 V AC, 50 Hz |

Environmental conditions

| | |
|---------------------------|--------|
| Ambient temperature [Min] | 10 °C |
| Ambient temperature [Max] | 40 °C |
| Storage temperature [Min] | -10 °C |
| Storage temperature [Max] | 40 °C |

Approval

| | |
|---------|---|
| CE mark | ✓ |
|---------|---|

Packing & Shipping

| | |
|------------------------------|----------------|
| Delivery time | 2 d |
| Dimensions packaging (W×D×H) | 500×400×710 mm |
| Net weight | 30 kg |
| Shipping method | Freight |
| Net weight approx. | 30 kg |
| Gross weight approx. | 40 kg |
| Shipping weight | 40 kg |

Pictograms

STANDARD



Category

| | |
|------------------|----------------|
| Brand | Sauter |
| Product category | Test bench |
| Product group | Test stand set |
| Product family | TVO-LD |

Measuring System

| | |
|-------------------------|---|
| Measurable length [Max] | 30 cm |
| Length measuring device | Length measuring device with data interface |

Display

| | |
|---------------------------------------|---------------|
| Display type | LED segments |
| Display type | 7 segment LED |
| Display digit height - smallest digit | 9 mm |

Construction

| | |
|---------------------------------------|----------------------|
| Dimension (W×D×H) | 570×428×236 mm |
| Dimension housing (W×D×H) | 570×428×236 mm |
| Dimensions completely mounted (W×D×H) | 570×428×236 mm |
| Material housing | metal, lacquered |
| Material display housing | Metal |
| Type of drive | Stepper motor |
| Mounting - force dissipation | 5 × threaded hole M6 |
| Mounting - force application | 5 × threaded hole M6 |
| Generated force [Max] | 500 N |
| Transversal movement speed [Min] | 1 mm/min |
| Transversal movement speed [Max] | 500 mm/min |
| Transversal movement speed variation | 0,5% |