# SAUTER **TVS 20KN100-LD**

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



## Category

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

## Measuring System

| | |
|---|---|
| Measurable length [Max] | 21 cm |
| Tolerance (measured length) | 0,5% |
| 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) | 250×400×1550 mm |
| Dimensions completely mounted (W×D×H) | 400×250×1550 mm |
| Material housing | metal, lacquered |
| Material display housing | metal, lacquered |
| Type of drive | Stepper motor |
| Mounting - force dissipation | Threaded hole M12<br>4 × threaded hole M10 |
| Mounting - force application | Threaded hole – 1 × M12, 4 × M10 |
| Generated force [Max] | 20 kN |
| Transversal movement speed [Min] | 1 mm/min |
| Transversal movement speed [Max] | 100 mm/min |
| Transversal movement speed variation | 1% |
| Guide column(s) distance | 215 mm |
| Guide column(s) length | 113,5 cm |
| Traverse distance [Max] | 210 mm |

## Functions

| | |
|---|---|
| Speed display | ✓ |
| Repeat function | ✓ |
| Length measuring - zero setting | ✓ |
| Pre-added and pre-reduced length manually adjustable | ✓ |
| Limit switch | ✓ |

## Power Supply

| | |
|---|---|
| Power supply type | Built-in power supply |
| Plug-in power supply / adapter for countries - optional | UK<br>CH |
| Input voltage power supply / power [Max] | 230 V AC, 50 Hz |
| Power supply cable removable | fixed connection |
| Input voltage device / power [Max] | ~220 V - 240 V AC; 50 Hz |
| Power socket for mains adapter | Power supply cable |

## Environmental conditions

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

## Approval

| | |
|---|---|
| CE mark | ✓ |

## Packing & Shipping

| | |
|---|---|
| Delivery time | 2 d |
| Dimensions packaging (W×D×H) | 600×410×1780 mm |
| Shipping method | Freight |
| Net weight approx. | 150 kg |
| Gross weight approx. | 170 kg |
| Shipping weight | 167 kg |
| Shipping volume weight | 87,6 kg |

## Product information

| | |
|---|---|
| GTIN/EAN number | 4045761343634 |
| Trade number | 90249000 |
| REACH classification | no prohibited substances |

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## Pictograms

### STANDARD

