

SAUTER TVM 10KN120N-LB

KERN

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



Category

| | |
|------------------|----------------|
| Brand | Sauter |
| Product category | Test bench |
| Product group | Test stand set |
| Product family | TVM-LB |

Measuring System

| | |
|-------------------------|---|
| Measurable length [Max] | 21 cm |
| Length measuring device | Length measuring device with display and data interface |

Display

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

Construction

| | |
|---------------------------------------|---|
| Dimension (W×D×H) | 400×256×1535 mm |
| Dimension housing (W×D×H) | 400×256×1535 mm |
| Dimensions completely mounted (W×D×H) | 400×256×1535 mm |
| Material housing | metal, lacquered |
| Material display housing | metal, lacquered |
| Type of drive | Electric motor |
| Mounting - force dissipation | Threaded hole M12 4 × threaded hole M6 |
| Mounting - force application | Threaded hole - 1 × M12, 4 × M6 |
| Generated force [Max] | 10 kN |
| Transversal movement speed [Min] | 30 mm/min |

| | |
|--------------------------------------|------------|
| Transversal movement speed [Max] | 120 mm/min |
| Transversal movement speed variation | 3% |
| Measurement alignment | vertical |
| Guide column(s) distance | 215 mm |
| Guide column(s) length | 113,5 cm |
| Traverse distance [Max] | 210 mm |

Functions

| | |
|-----------------|---|
| Speed display | ✓ |
| Repeat function | ✓ |
| Limit switch | ✓ |

Power Supply

| | |
|---|--------------------------|
| Supplied power supply | Power supply unit |
| Power supply type | Built-in power supply |
| Plug-in power supply / adapter for countries - optional | EURO UK CH |
| Input voltage power supply / power [Max] | 220 V AC, 50 Hz |
| Input voltage device / power [Max] | ~220 V - 240 V AC; 50 Hz |
| Power socket for mains adapter | Power supply cable |

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) | 520×345×1610 mm |
| Shipping method | Freight |
| Net weight approx. | 65 kg |
| Gross weight approx. | 85 kg |
| Shipping weight | 83 kg |

Product information

| | |
|----------------------|--------------------------|
| GTIN/EAN number | 4045761362901 |
| Trade number | 90249000 |
| REACH classification | no prohibited substances |

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Pictograms

STANDARD

