

KERN TN 300-0.01US

KERN

Portable measuring device for ultrasonic material thickness testing



Construction

| | |
|---------------------------------------|--------------|
| Dimension (W×D×H) | 150×74×32 mm |
| Dimension housing (W×D×H) | 150×74×32 mm |
| Dimensions completely mounted (W×D×H) | 150×74×32 mm |
| Material housing | plastic |
| Cable length | 0,9 m |

Interface

| | |
|------------|------------|
| Interfaces | USB-Device |
|------------|------------|

Power Supply

| | |
|----------------------------|--------------------|
| Supplied power supply | Battery |
| Battery / accumulator type | Alkali(-Manganese) |
| Battery | 2×1.5 V AA |
| Battery operating time | 100 h |
| Battery capacity | 3.000 mAh |
| Battery voltage | 1,5 V |

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 | ✓ |
|---------|---|

Services (optional)

| | |
|--|---------|
| Article number for factory calibration | 961-113 |
|--|---------|

Packing & Shipping

| | |
|------------------------------|----------------|
| Delivery time | 1 d |
| Dimensions packaging (W×D×H) | 315×245×90 mm |
| Net weight | 0,272 kg |
| Shipping method | Parcel service |
| Net weight approx. | 0,30 kg |
| Gross weight approx. | 1,4 kg |
| Shipping weight | 1,4 kg |

Category

| | |
|------------------|---|
| Brand | Sauter |
| Product category | Material thickness measuring device |
| Product group | Ultrasonic Material thickness gauge pulse-echo method |
| Product family | TN-US |

Measuring System

| | |
|---|------------|
| Material thickness pulse-echo [Min] (mm) | 3 mm |
| Material thickness pulse-echo [Max] (mm) | 300 mm |
| Readability material thickness [d] (mm) | 0,01 mm |
| Speed of sound [Min] (m/s) | 1000 m/s |
| Speed of sound [Max] (m/s) | 9999 m/s |
| Measuring head diameter | 14 mm |
| Measuring head measuring frequency | 2,5 MHz |
| Units | mm inch |
| Internal data memory: Number of individual values | 100 |
| Internal data memory: Number of value groups | 20 |
| Tolerance (% of [Max]) | 0,5% |

Display

| | |
|----------------------|-------|
| Display type | LCD |
| Display digit height | 14 mm |

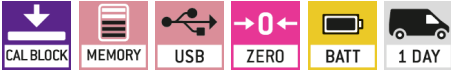
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Pictograms

STANDARD



OPTION

