

# KERN TU300-0.01US.

Premium-Ultraschall-Materialdickenmessgerät

**KERN**<sup>®</sup>



## Packaging & shipping

|                               |                   |
|-------------------------------|-------------------|
| Delivery:                     | 24 h              |
| Dimensions packaging (WxDxH): | 375 x 220 x 95 mm |
| Gross weight:                 | 1,330 kg          |
| Net weight:                   | 345 g             |
| Shipping method:              | Parcel service    |

## Construction

|                                     |                       |
|-------------------------------------|-----------------------|
| Cable length:                       | 90 cm                 |
| Casing material:                    | Cast aluminium alloys |
| Overall dimensions mounted (WxDxH): | 132 x 76 x 32 mm      |

## Measuring system

|                          |                |
|--------------------------|----------------|
| Measuring head diameter: | 1,400 cm       |
| Measuring range [Max]:   | 30 cm          |
| Measuring range [Min]:   | 3 mm           |
| Precision (of [Max]):    | 0,005          |
| Readout [d]:             | 10 µm          |
| Sound velocity (Max):    | 599,940 mm/min |
| Sound velocity (Min):    | 60 mm/min      |
| Test frequency:          | 2,500 MHz      |
| Weighing units:          | mm             |

## Functions

|            |     |
|------------|-----|
| Scan mode: | yes |
|------------|-----|

## Environmental conditions

|                                |        |
|--------------------------------|--------|
| Maximum operating temperature: | 60 °C  |
| Minimum ambient temperature:   | -20 °C |

## Power supply

|                 |       |
|-----------------|-------|
| Operating time: | 100 h |
|-----------------|-------|

## Service

|                              |         |
|------------------------------|---------|
| ISO calibration certificate: | 961-113 |
|------------------------------|---------|

## Category

|                |                            |
|----------------|----------------------------|
| Category:      | Material thickness gauges  |
| Product Group: | Ultrasonic thickness gauge |