

# KERN PNS3000-2

The new standard in the laboratory with robust tuning fork measuring system



## Environmental conditions

|                                |       |
|--------------------------------|-------|
| Maximum humidity:              | 80 %  |
| Maximum operating temperature: | 40 °C |
| Minimum ambient temperature:   | 5 °C  |

## Power supply

|                                 |                        |
|---------------------------------|------------------------|
| Input voltage:                  | 220 V - 240 V AC 50 Hz |
| Mains adapter:                  | Mains adapter external |
| Mains adapter/adapter included: | EURO CH UK US          |

## Service

|                    |         |
|--------------------|---------|
| DAkkS Certificate: | 963-127 |
|--------------------|---------|

## Category

|                |                   |
|----------------|-------------------|
| Brand:         | KERN              |
| Category:      | Balances          |
| Product Group: | Precision balance |

## Packaging & shipping

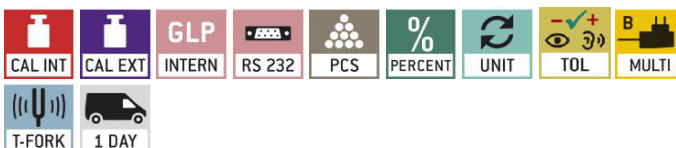
|                               |                    |
|-------------------------------|--------------------|
| Delivery:                     | 24 h               |
| Dimensions packaging (WxDxH): | 325 x 410 x 205 mm |
| Gross weight:                 | 3,700 kg           |
| Net weight:                   | 2,700 kg           |
| Shipping method:              | Parcel service     |

## Construction

|                                       |                   |
|---------------------------------------|-------------------|
| Casing material:                      | Plastic           |
| Dimensions housing (WxDxH):           | 196 x 293 x 89 mm |
| Dimensions of weighing plate (WxDxH): | 190 x 190 x 89 mm |
| Level indicator:                      | yes               |
| Material weighing plate:              | stainless steel   |
| Revolving screw feet:                 | yes               |
| Weighing surface (WxD):               | 190 x 190 mm      |

## Piktogramme

### STANDARD



### OPTION



### FACTORY



## Measuring system

|   |                      |
|---|----------------------|
| Adjustment options:                             | External calibration |
| Linearity:                                      | 20 mg                |
| Minimum weight (USP):                           | 20 g                 |
| Readability [d]:                                | 10 mg                |
| Recommended adjusting weight:                   | 3 kg (F1)            |
| Repeatability:                                  | 10 mg                |
| Resolution:                                     | 320000               |
| Stabilisation time under laboratory conditions: | 3 s                  |
| Tare range:                                     | 3,200 kg             |
| Warm up time:                                   | 2 h                  |
| Weighing capacity [Max]:                        | 3,200 kg             |
| Weighing units:                                 | g ct                 |

## Display

|                               |          |
|-------------------------------|----------|
| Display digit height (large): | 1,650 cm |
|-------------------------------|----------|

## Counting

|  |        |
|--|--------|
| Counting resolution:                                 | 320000 |
| Minimum piece weight at piece counting (Laboratory): | 10 mg  |
| Minimum piece weight at piece counting (Normal):     | 100 mg |
| Reference weight:                                    | yes    |

## Functions

|                                |     |
|--------------------------------|-----|
| Capacity display:              | yes |
| Counting function:             | yes |
| Percentage determination:      | yes |
| Weighing with tolerance range: | yes |

# KERN PNS 3000-2

The new standard in the laboratory with robust tuning fork measuring system

