

# KERN KB120-3N

Compact precision balance with large weighing range



## Measuring system

|                                                 |                                                                                |
|-------------------------------------------------|--------------------------------------------------------------------------------|
| Adjustment options:                             | External calibration                                                           |
| Linearity:                                      | 3 mg                                                                           |
| Minimum weight (USP):                           | 2 g                                                                            |
| Readability [d]:                                | 1 mg                                                                           |
| Recommended adjusting weight:                   | 100 g (F1)                                                                     |
| Repeatability:                                  | 1 mg                                                                           |
| Resolution:                                     | 120000                                                                         |
| Stabilisation time under laboratory conditions: | 3 s                                                                            |
| Warm up time:                                   | 2 h                                                                            |
| Weighing capacity [Max]:                        | 120 g                                                                          |
| Weighing system:                                | Strain gauge                                                                   |
| Weighing units:                                 | ct dwt g gn kg lb mo oz t<br>tl (Cn) tl (HK) tl (Singap.<br>Malays) tl (Tw) to |

## Display

|                       |      |
|-----------------------|------|
| Display digit height: | 9 mm |
|-----------------------|------|

## Counting

|                                                      |        |
|------------------------------------------------------|--------|
| Counting resolution:                                 | 120000 |
| Minimum piece weight at piece counting (Laboratory): | 1 mg   |
| Minimum piece weight at piece counting (Normal):     | 10 mg  |

## Functions

|                                                    |      |
|----------------------------------------------------|------|
| Conversion function:                               | yes  |
| Counting function:                                 | yes  |
| Percentage determination:                          | yes  |
| PRE-TARE function:                                 | yes  |
| Suspended weighing:                                | Hook |
| Vibration-free weighing (Animal weighing program): | yes  |

## Environmental conditions

|                                |       |
|--------------------------------|-------|
| Maximum humidity:              | 80 %  |
| Maximum operating temperature: | 40 °C |
| Minimum ambient temperature:   | 10 °C |

## Power supply

|                                 |                         |
|---------------------------------|-------------------------|
| Charging time:                  | 10 h                    |
| Input voltage:                  | 100 V - 240 V           |
| Mains adapter:                  | Mains adapter external  |
| Mains adapter/adapter included: | CH EURO UK US           |
| Operating time (Backlight off): | 30 h                    |
| Operating time (Backlight on):  | 15 h                    |
| Rechargeable battery:           | Rchrg. battery optional |

## Service

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

## Category

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

## Packaging & shipping

|                               |                    |
|-------------------------------|--------------------|
| Delivery:                     | 24 h               |
| Dimensions packaging (WxDxH): | 238 x 360 x 180 mm |
| Gross weight:                 | 2,200 kg           |
| Net weight:                   | 980 g              |
| Shipping method:              | Parcel service     |

## Construction

|                                     |                    |
|-------------------------------------|--------------------|
| Casing material:                    | Plastic            |
| Dimensions draft shield (ÃxH):      | 106   42           |
| Dimensions housing (WxDxH):         | 167 x 250 x 85 mm  |
| Overall dimensions mounted (WxDxH): | 167 x 250 x 115 mm |
| Weighing space (ÃxH):               | 90   40            |
| Weighing surface (d):               | 81                 |

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## Piktogramme

### STANDARD



### OPTION

