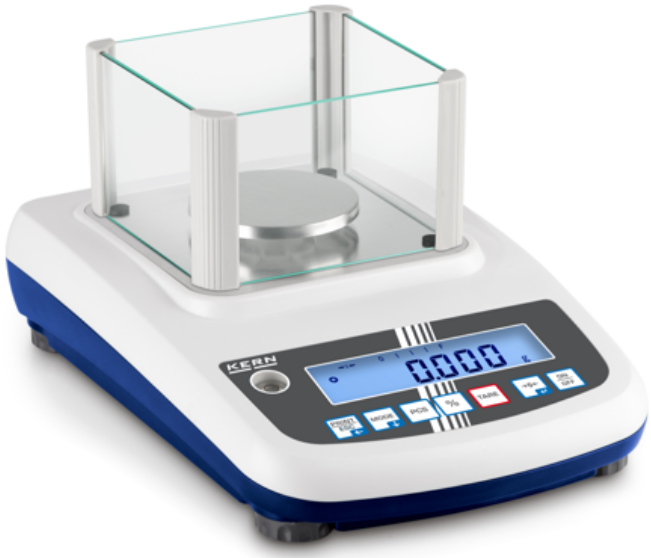
# KERN PFB 300-3-2024a

Quick-display precision balance with user-friendly concept of operation mode – now with larger housing for more stability



| Article codes, product groups & Status information | |
|---|---|
| Model article-code | PFB 300-3-2024a |
| Model-Serie | PFB |
| Assortment | Scales |
| Segment | Laboratory balances |
| Product group | Precision balances |
| Product usage type | Main article |
| EAN code (Model) | 4045761202856 |
| Predecessor Model | PFB 300-3-2.017a |
| Successor Model | PFB 300-3 |
| Planned start date | 2018-1HJ |
| Customs tariff number | 90160010 |
| CE Label | Yes |
| Country of Origin | CN |

| Technical data - Primary | |
|---|---|
| Weighing capacity | 300 g |
| Readability | 0,001 g |
| Repeatability | 0,002 g |
| Linearity | ± 0,005 g |
| Minimum piece weight | 20 mg |
| Weighing surface (d) | 80 mm |

| Technical data - Construction | |
|---|---|
| Dimension housing (W×D×H) | 210×315×90 mm |
| Bubble Level | Yes |
| Material weighing plate | Stainless steel |
| Casing material | Plastic |
| Weighing surface (d) | 80 mm |
| Dimensions of weighing plate (diameter) | 80 mm |
| Material draft shield | Glass |
| IP protection load cell | IP65 |

| Technical data - Display | |
|---|---|
| Display height | 15 mm |
| Backlight | Yes |

| Technical data - Power supply | |
|---|---|
| Mains adapter/adapter included | CH;EURO;UK;US |
| Input Voltage | 100 V - 240 V, 50 / 60 Hz |
| Interfaces | Bluetooth BLE (v4.0) (optional, factory);Bluetooth BTC (v2.0) (optional, factory);RS-232 serienmäßig |

| Technical data - Measuring system | |
|---|---|
| Calibration method | Adjusting with external weight |
| Linearity | ± 0,005 g |
| Minimum weight (USP) | 4 g |
| Readability | 0,001 g |
| Recommended adjusting weight | 300 g (F1) |
| Repeatability | 0,002 g |

# KERN PFB 300-3-2024a

Quick-display precision balance with user-friendly concept of operation mode – now with larger housing for more stability

| | |
|---|---|
| Stabilisation time under laboratory conditions | 3 s |
| Warm up time | 120 min |
| Carat - max capacity | 1.500 ct |
| Carat - readout | 0,005 ct |

## Technical data - Environmental conditions

| | |
|---|---|
| Maximum humidity | 80 % |
| Maximum operating temperature | 30 °C |
| Minimum ambient temperature | 15 °C |
| Minimum humidity | 0 % |

## Technical data - Packing & Shipping

| | |
|---|---|
| Dimensions packaging (W×D×H) | 375×280×275 mm |
| Gross weight | 2,4 kg |
| Net weight | 2,0 kg |
| Shipping method | Parcel service |
| Packaging component - by weight - paper | 0 g |
| Packaging component - by weight - cardboard | 379 g |
| Packaging component - by weight - plastics | 0 g |
| Packaging component - by weight - styrofoam | 1,81 g |
| Packaging component - by weight - wood | 0 g |
| Packaging component - by weight - foam | 0 g |

| | |
|---|---|
| Delivery time | 1 d |

## Technical data - Counting data

| | |
|---|---|
| Counting resolution | 150.000 |
| Mininum piece weight at piece counting (Laboratory) | 2 mg |
| Minimum piece weight | 20 mg |

## Optional Services

| | |
|---|---|
| DAkkS Calibration | 963-127 |

## Functions

### Standard




### Option




### Factory

