



NEW



Analytical balance with flexible functionality and touch display

Features

- The wide range of functions of this range of analytical balances means that they qualify for use in the pharmaceutical industry as well as other fields. These include, for example, the statistical function, weighing with tolerance range, counting function, percentage weighing, totalizing function and many more
- **1** Modern touch display with convenient operation enables you to, for example, switch the units or start adjustment straight from the display
- Draught shield standard
- Specialised functions, such as the statistical function make it easier to use efficiently in industry and the laboratory
- GLP/ISO record keeping with date, time and identification number of balance adjustment or weighing process

- Assists in data integrity in accordance with U.S. FDA 21 Part 11 (for example weighing result, sample ID, user name, scales ID, ...)
- Data query and remote control of the balance using a computer or CRM/ERP systems using the KERN Communication Protocol, see page 18
- RS 232 data interface and USB (Device) for the transfer of weighing data
- Menu language EN

Technical data

- Backlit LCD display, digit height 20 mm
- Dimensions weighing surface, stainless steel, \varnothing 90 mm
- Overall dimensions W×D×H 207×318×360 mm
- Net weight approx. 6 kg
- Permissible ambient temperature 15 °C/25 °C

Accessories

- Protective dust cover, KERN ABS-A08
- Weighing table to absorb vibrations and oscillations, which would otherwise distort the weighing result, KERN YPS-03
- Antivibration plate 400×450×60 mm, KERN YPS-04
- 565×450×60 mm, KERN YPS-05
- Ioniser to neutralise electrostatic charge, KERN ABP-A01
- Equipment qualification: compliant qualification concept with Installation and Operating Qualification (IQ, OQ), for details see page 232
- Further details, plenty of further accessories and suitable printers see *Accessories*

The main scope of applications is:

- Laboratories
- Pharmaceutical industry
- Chemical industry
- Food industry
- Plastics industry
- Quality laboratories

STANDARD



OPTION



| Model | Weighing capacity [Max] g | Readability [d] mg | Reproducibility mg | Linearity mg | Options |
|---------------------------------|---------------------------------|--------------------------|-----------------------|-----------------|--|
| | | | | | DAKKS Calibr. Certificate DAKKS KERN |
| Models with external adjustment | | | | | |
| ADS 100-4 | 120 | 0,1 | 0,3 | ± 0,3 | 963-101 |
| ADS 200-4 | 220 | 0,1 | 0,3 | ± 0,3 | 963-101 |
| ADS 300-4 | 320 | 0,1 | 0,4 | ± 0,4 | 963-101 |
| Models with internal adjustment | | | | | |
| ADT 100-4 | 120 | 0,1 | 0,3 | ± 0,3 | 963-101 |
| ADT 200-4 | 220 | 0,1 | 0,3 | ± 0,3 | 963-101 |
| ADT 300-4 | 320 | 0,1 | 0,4 | ± 0,4 | 963-101 |