



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, Ø 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

CAL INT

CAL EXT

RS 232

USB

KCP

GLP

PC

RECIPE

PERCENT

UNIT

TOL

MOVE

UNDER

MULTI

FORCE

1 DAY

ADT    ADS

OPTION

DAKKS

+3 DAYS

| Model                           | Weighing capacity | Readability | Reproducibility | Linearity | Options                   |
|---------------------------------|-------------------|-------------|-----------------|-----------|---------------------------|
|                                 |                   |             |                 |           | DAkkS Calibr. Certificate |
|                                 | [Max]<br>g        | [d]<br>mg   | mg              | mg        | DAkkS<br>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                   |



# WolfLabs

**Pricing on any accessories shown can be found by keying the part number into the search box on our website.**

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.