Sartorius Extend.
Model ED224S

Technology, operation and features at a glance:

- White backlit, high-contrast display with 15-mm digits
- Built-in, motorized calibration weight. For the highest weighing accuracy at the touch of a key.
- New operating concept: simple configuration of individual settings guided by short, menu-driven text prompts choice of 5 languages) and by navigation using the cursor keys
- Total ease of operation. All keys feature positive click action. Clearly structured control panel.
- The most advanced microprocessor technology. More performance power, for even faster and more stable readings.
- Digital filter levels of the newest generation offer optimal prerequisites for adapting the balance to the conditions at the place of use.
- Monolithic weigh cell technology guarantees the long-term high quality of the weighing results.

- The level indicator is positioned in the direct vicinity of the display – this enables the user to quickly check whether the balance is correctly leveled.
- Large, sturdy and nearly frameless, all-glass draft shield chamber for optimal lighting inside the weighing chamber. The draft shield doors and all stainless steel parts of the weighing chamber base are easy to remove in just a few steps for cleaning.
- Bidirectional RS-232C interface port; connection of the balance to a USB port by an optional Sartorius adapter cable.
- ISO/GLP-compliant recording/printing of calibration, adjustment and weight values in conjunction with the optional YDP20-0CE data printer.
- Built-in application programs: calculation by a factor, weighing in %, net-total formulation, animal weighing (weigh averaging), toggling among up to 4 different units of measure, totalizing, counting.

Model	ED224S
Weighing capacity	220 g
Readability	0.1 mg

Specifications

Model	ED224S
Weighing capacity	220 g
Readability	0.1 mg
Tare range (subtractive)	220 g
Repeatability (std. deviation)	≤± 0.1 mg
Linearity	≤± 0.2 mg
Response time (average)	≤ 2.5 s
Operating temperature range	+10...+30 ℃
Net weight, approx.	4.8 kg
Weighing pan size	90 mm ⌀
Clearance above pan	230 mm
Dimensions (WxDxH)	230x303x330 mm
AC power source/Power requirements	AC adapter 230 V or 115 V, +15% to –20%, 48–60 Hz
Power consumption (average)	maximum 16 VA; typical 8 VA
Built-in interface	RS232C-S/V24-V28

Key accessories	Order no.
Data printer with date, time and statistics functions	YDP20-0CE
Remote display, LCD, height of digits: 13 mm, reflective	YRD02Z
Remote display, LCD, height of digits: 15 mm, with backlit	YRD03Z
SartoCollect, software for the data communication between PC and any Sartorius instrument (incl. cable 26 Pin/9 Pin, 2 m)	YSC02
RS-232C/USB interface cable, for connecting the balance to a PC with USB port; length approx. 1.5 m	YCC01-USBM2
External rechargeable battery pack	YRB05Z
Balance table table, wood with synthetically stone plate for precise, reliable weighing operations	YWT09

Data printer   SartoCollect