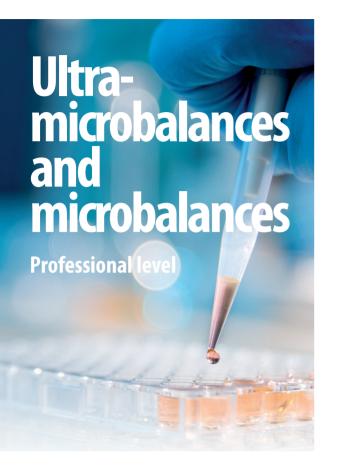




TS-Ultra-microbalances and microbalances





Professional level of weighing The highest measurement accuracy

Faster measurement with the new CPU

TS-U Series balances feature a Dual Core 2 x 1 GB processor, which delivers noticeable performance improvements, including faster operation and shorter stabilization time retaining high repeatability values.

8 GB RAM - more data management possibilities

8 GB RAM offers the possibility of recording data as complex reports. Time and statistic data diagrams on series of weighings are another useful option.

The best possible repeatability and USP regulations conformity

The best weighing accuracy and repeatability – with sd ≤ 1d combined with USP regulations conformity (Section 41 and 1251) make the balances a new standard for mass measurement quality.

Hands free operation

Easily configure IR Proximity sensors to perform common tasks such as open/closing weighing chamber, zeroing, taring, and many more.

Data safety

Every balance features ALIBI memory designed to provide protection and automatic recording of your measurements. Options such as data preview, copying and archiving are also available to users.

Three year warranty included on all models



| Model | TS-U-2.1 | TS-U-2 | TS-U-5 | TS-U-5.F | TS-U-11 | TS-U-21 | TS-U-21.P |
|---------------------------|---|---|---|---|---|----------|---|
| Maximum Capacity | 2.1 g | 2.1 g | 5.1 g | 5.1 g | 11 g | 21 g | 21 g |
| Readability [d] | 0.1 μg | 1 μg | 1 μg | 1 μg | 1 μg | 1 μg | 1 μg |
| USP minimum sample weight | 0.9 mg | 1 mg | 2 mg | 2mg | 2.4 mg | 2.4 mg | 2.4 mg |
| Repeatability | 0.25 μg (Rt \leq 0.2 g) 0.4 μg (0.2 g $<$ Rt \leq 2g) | 0.5 µg (Rt ≤ 0.2 g) 1 µg (0.2 g < Rt ≤ 2g) | 1 μg (Rt ≤ 1 g) 1.6 μg (1 g < Rt ≤ 5.1g) | 1 μg (Rt ≤ 1 g) 1.6 μg (1 g < Rt ≤ 5g) | 1.2 μ g (Rt \leq 1 g) 2 μ g (1g < Rt \leq 5 g) 2.5 μ g (5 g < Rt \leq 11 g) | | 1.2 μ g (Rt \leq 1 g) 2 μ g (1 g < Rt \leq 5 g) 2.5 μ g (5 g < Rt \leq 11 g) 3 μ g (11 g < Rt \leq 21 g) |
| Linearity | ±1.5 μg | ±3 μg | ±5 μg | ±5 μg | ±6 μg | ±7 μg | ±7 μg |
| Weighing pan size | ø 16 mm | ø 16 mm | ø 26 mm | ø 100 mm | ø 26 mm | ø 26 mm | ø 26 mm |
| Automatic doors | X | X | X | | X | X | X |
| Display type | 5.7" color resistive touch screen | | | | | | |
| Adjustment | Internal | Internal | Internal | Internal | Internal | Internal | Internal |
| Communication ports | $2 \times$ USB-A, $2 \times$ RS232, Wireless Connection, Ethernet, $4 \times$ IN / $4 \times$ OUT | | | | | | |
| Catalog Number | 1160U38 | 1160U39 | 1160U40 | 1160U41 | 1160U42 | 1160U43 | 1160U44 |



