A quantum leap: the new microbalances and analytical balances.
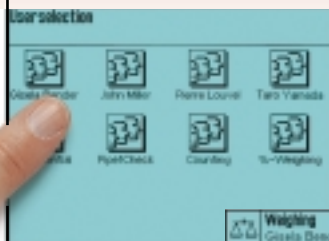
Results: a precision and reproducibility never before achieved. State-of-the-art weighing technology with 50 million divisions of resolution, accurate to 0.1 µg. Weighing range up to 510 g.
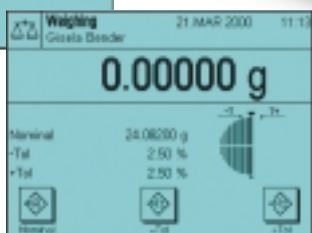
Operation: touch screen offers unequalled user friendliness. Up to eight personalized operator settings can be configured, saved and retrieved.

SmartSens: place the sample on the weighing pan without touching the balance. Hands-off weighing is quicker and more convenient.

Software: fit for the future with Internet updates. Your balance will always be up to date.

A soft touch on the name. One of the eight individual balance configurations is immediately activated.

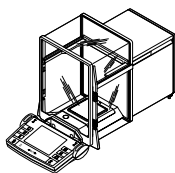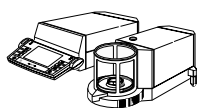**And now to work.** Easy to operate, clear overview, reliable functioning.

Everything perfect, clear at a glance: SmartTrac has six different ways of displaying the remaining weighing capacity on the screen.

Keep your hands to yourself. Thanks to SmartSens you can weigh without ever touching the balance: taring, opening and closing the door, weighing – all automatic.

METTLER TOLEDO

Weighing at the highest level.

- ☐ Outstanding weighing performance
- ☐ High-resolution models for smallest samples
- ☐ proFACT for fully automatic calibration and linearization
- ☐ SmartSens offers hands-off door operation
- ☐ Touch screen for eight individual operator configurations

Model (Order No.)	Readability	Max. load	Repeatability (s)	Linearity	Weighing pan (mm)
UMX2	0.1 µg	2100 mg	0.25 µg	±1 µg	⌀16
MX5	1 µg	5100 mg	0.9 µg	±4 µg	⌀27
UMX5 Comparator	0.1 µg	5100 mg	0.4 µg	±4 µg	⌀16
AX26 Comparator	1 µg	22 g	2 µg	±6 µg	⌀28
AX26 DeltaRange	2 µg/0.01 mg	3/21 g	4 µg	±8 µg	⌀32
AX105 DeltaRange	0.01/0.1 mg	31/110 g	0.02/0.04 mg	±0.08/0.15 mg	80x80
AX205	0.01 mg	220 g	0.015 mg	±0.1 mg	80x80
AX205 DeltaRange	0.01/0.1 mg	81/220 g	0.02/0.04 mg	±0.08/0.15 mg	80x80
AX204	0.1 mg	220 g	0.07 mg	±0.2 mg	80x80
AX304	0.1 mg	310 g	0.1 mg	±0.3 mg	80x80
AX504	0.1 mg	510 g	0.1 mg	±0.4 mg	80x80
AX504 DeltaRange	0.1/1 mg	81/510 g	0.1/0.3 mg	±0.4/0.5 mg	80x80

Certified versions available on request

Standard features
- Backlit graphic display with touch screen operation
- ProFACT, fully automatic temperature-driven calibration and linearization
- Built-in RS232 interface; plug-in module available for optional second interface of your choice
- Glass draft shield with automatic door opening and flexible configuration options
- SmartSens for hands-off operation
- Replaceable protective cover
- Below-the-balance weighing facility
- AC/DC adapter for connection to AC power line
  primary side: 100–240 V, −15% +10%, 50/60 Hz, 0.7 A
  secondary side: 12 VDC ±5%, 2.08 A (electronic overload protection)
- Country-specific power cable
- Weighing adapter for optimum adaptation to ambient conditions

All models can:
- Download software from the Internet
- Display various units of weight
- Determine the density of solids and liquids
- Perform differential weighing (available at the end of 2000)
- Check the precision of pipettes (available at the end of 2000)
- Make statistical evaluations
- Calculate with factors
- Carry out piece counting and percent weighing operations
- MinWeigh (activated by local MT Service at your workplace)

Accessories
- Filter weighing set for filters up to 110 mm
- LocalCAN universal interface module
- RS232 interface module
- MiniMettler interface module
- Auxiliary display
- Interface cable
- BalanceLink PC software for data acquisition by a PC
- Foot switch
- Carrying case
- PC-Volume
- Pipette calibration

MinWeigh
Your METTLER TOLEDO Service organization carries out the measurement uncertainty test on your balance at your workplace. The AX/MX/UMX balance then ensures that all accuracy requirements are complied with. Your local METTLER TOLEDO dealer is always available for advice.