

# AX2005 Comparator

B u s i n e s s   A r e a   M e t r o l o g y

## AX2005 Comparator

- Mass comparator for loads from 1 kg up to 2 kg.
- High resolution: 0.01 mg
- High repeatability: 0.04 mg
- Touch screen:  
Extremely convenient to use. A touch of the finger is enough to activate the setting of the weighing parameters.
- “WeighCom” application:  
Guided process for manual mass comparison procedures.

METTLER TOLEDO

# Weighing with AX2005 Comparator

Accuracy

Reliability

Quality

## Technical Specifications

### METTLER TOLEDO AX2005 Comparator

Readability	0.01 mg
Maximum capacity	2109 g (min. 998 g)
Electrical weighing range	0 ... 109 g
Repeatability (standard deviation of 10 comparison weighings after elimination of drift)	0.04 mg
Linearity (electrical weighing range)	±0.12 mg
Stabilization time (typical)	10 ... 20 s
Dial weights	500, 300, 100, 100 g
Calibration	At a keystroke
Calibration with external weight	100 g
Sensitivity drift	±1.5 ppm/°C

#### Standard equipment

Additional internal draft shield	standard
Additional external draft shield	optional
Front glass (coated)	standard
Weighing pan diameter	Hanging 100 mm
Free space for weighing pan	135 mm
Weights included in delivery	2 kg E2-OIML
Feedthrough for below-the-balance weighing	standard

#### Allowable ambient conditions

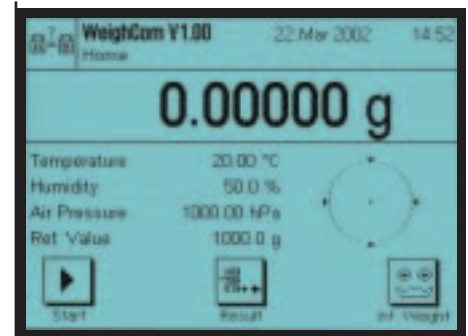
Temperature (°C)(±1 °C)	10 ... 30
Max. temperature change (°C/24 h)	0.5
Relative air humidity (%) (±2%)	40–70

#### Dimensions (W x D x H)/ net weight (kg)

Balance	241 x 433 x 289; 11
Display unit	224 x 366 x 94; 2.5
AC adapter	115 x 140 x 53; 1.2

#### Accessories

Klimet A30	optional
Software MC Link	optional
GA42 printer	optional



**WeighCom – easy operation, clear layout.** Guided process for mass determination.



**AX draft shield – optional –** to reduce external disturbance.



Quality certificate ISO 9001  
 Environmental certificate ISO 14001  
 Internet: <http://www.mt.com>  
 Worldwide service

Subject to technical changes  
 © 8/03 Mettler-Toledo GmbH  
 Printed in Switzerland 11795363  
 MCG MarCom Greifensee