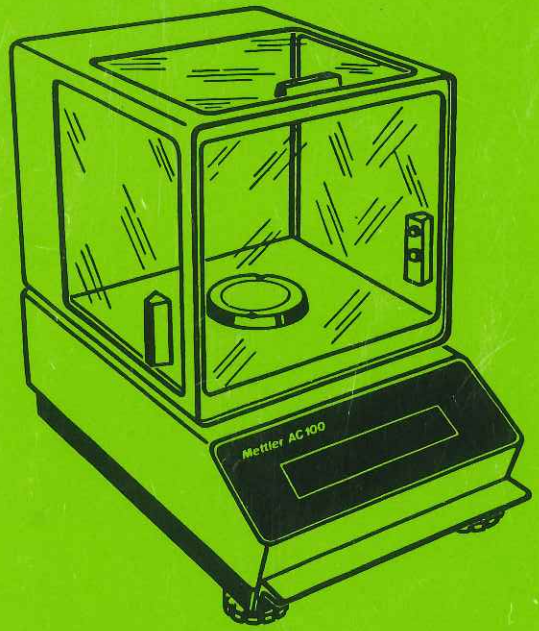
Operating Instructions
Bedienungsanleitung
Mode d'emploi
Instrucciones de manejo

AC100
AC100-03



Mettler

Mettler Ins. Corp

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Inside

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Mettler

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Bill Bryan

Field Service

ext 209

inside service ext ~~219~~ 270

Return authorization

English

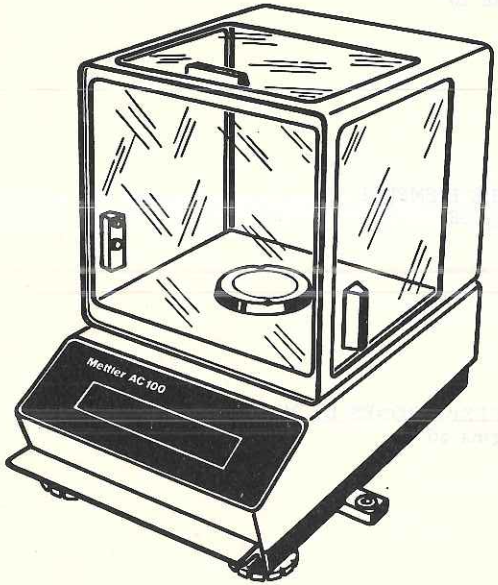
Deutsch

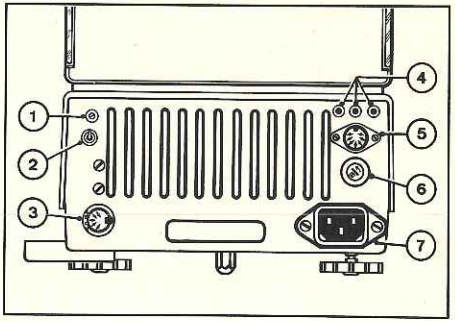
Français

Español

AC100 ELECTRONIC ANALYTICAL BALANCE

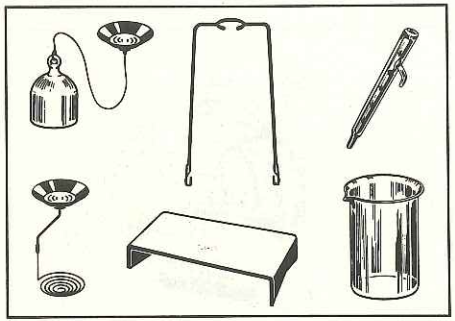
Weighing range	82 g
Readability	0.1 mg
Electric tare range (subtractive)	82 g
Additional tare range (tare weights)	20 g approx.





Operating elements and connections on the rear wall of the balance:

1 Calibration screw
2 On/Off switch for DeltaDisplay and Stability control
3 Connection for GC301
4 Connection for remote tare (green/black); ground conn. (yellow)
5 03 Data Output for peripheral instruments (as option)
6 Fuse holder
7 Power supply connector



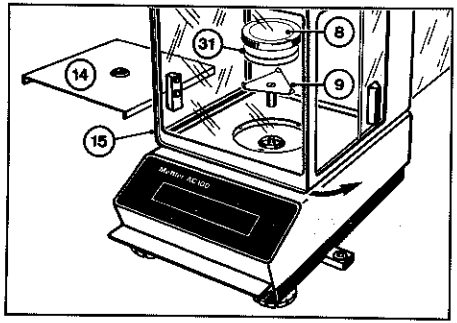
The density of solid bodies and liquids can be determined simply and reliably with the Density Determination Kit (Optional accessory).

TABLE OF CONTENTS

PREPARATION: How to check or correct the voltage setting

The balance must be set to the voltage setting for which it is to be connected. It is important to check this setting before putting the balance into operation -- if necessary, it must be changed. A label is placed at the power line connector (7) at the factory; the voltage setting is printed on this label. If this setting does not agree with your local line voltage, or if the label is missing, the balance housing must be opened, the setting on the voltage selector checked, and if needed, changed.

If the draft shield is already assembled on the balance, it must be removed first.

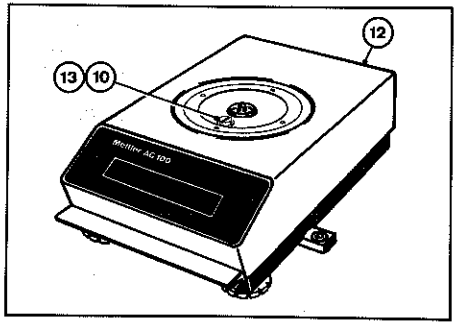


If necessary:

Remove draft shield

If you receive the balance from the factory or from a dealer, the glass draft shield, pan support and balance pan are not assembled; they are individually packed in the carton. Otherwise, remove the draft shield:

- Remove balance pan (8) and pan support (9) with tare weights (31). Turn the draft shield (15) counter-clockwise to the position shown in the second picture of page 5 (you can feel a stop), and lift straight up and off. The cover plate (14) inside the draft shield, on the bottom, does not necessarily have to be removed.

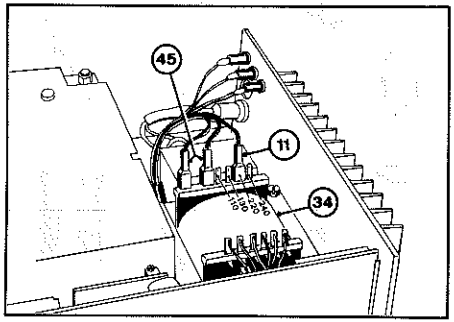


Opening the balance housing

First make sure that the power cable has been disconnected!

With connected power cable, the inside of the balance is always current-carrying, even when the balance display is switched off .

- Remove screw (10), keep the toothed washer and the plain washer (13) in a safe place.
- Carefully lift housing (12) straight up and off.



Checking or changing the voltage setting

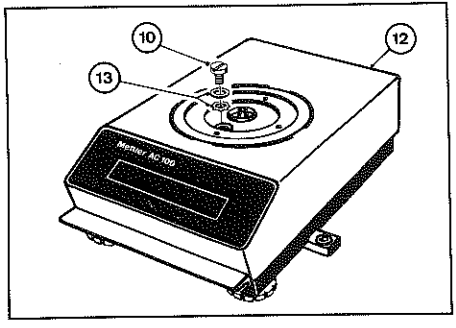
- Check whether the voltage selector plug (11) is on the pin which corresponds to your local power supply voltage, as shown in the above picture.

  (Note: it is possible that the adhesive label on the transformer (34) could be slightly out of position; orient yourself by counting the number of pins in the above picture.)
- If necessary, pull out voltage selector plug (11), and push it all the way onto the pin which corresponds to your power supply voltage.

The two connectors (45) must not be switched around under any circumstances!

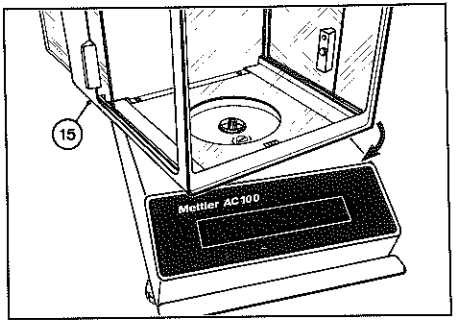
PREPARATION: How to install the in-use cover and the glass draft shield

If the balance housing had to be opened to correct the voltage setting, it can now be closed.
After installing the glass draft shield, please note that to protect the balance housing against soiling, damage and the effects of corrosive substances, the enclosed in-use cover can be installed.
The in-use cover in no way affects operation of the balance.



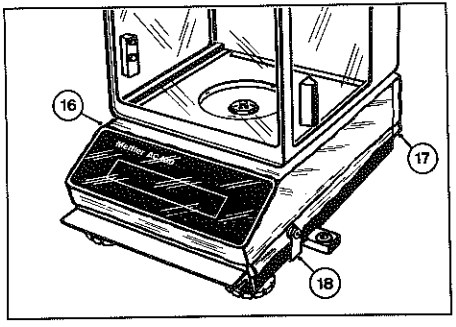
Closing the balance housing

- Carefully set the housing cover (12) straight down onto the balance.
- Place the toothed washer and plain washer (13) over the hole.
- Insert the screw (10) and tighten hand tight.



Installing the glass draft shield

- Place draft shield (15) down on the balance turned slightly to one side (as shown in the picture); snap in place and turn it until it stops. The glass draft shield will now be parallel to the balance.



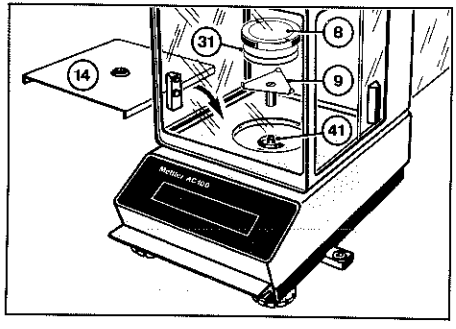
Installing the in-use cover (if desired)

- With the glass draft shield in position, pull in-use cover (16) over draft shield and place it on balance housing.
- Hook the flaps (17) onto the rear balance corners.
- Pull the elastic band (18) under the balance and snap it closed.

PREPARATION: How to assemble and setting up the balance

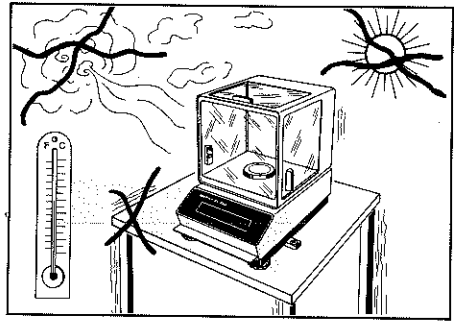
Select a suitable location for the balance; by doing so, its efficiency is greatly increased. But even if this is not possible, the balance will provide excellent results -- please take careful note of the section, "Further capabilities: extending the integration time".

At its permanent location, the balance should be leveled and the power supply prepared.



Installing the balance pan

- Place cover plate (14) in draft shield.
- Place pan support (9) on the conical peg (41).
- Place the tare weights (31) on the pan support (9) (between the three turned-up corners).
- Place pan (8) on pan support.

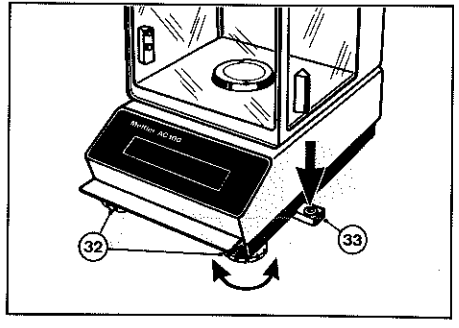


Favorable location conditions

- Stable support for the balance.
- No large temperature fluctuations.
- No direct sunlight.
- No air drafts.

At the selected location:
- Prepare power supply.

As soon as the cable has been connected to the balance, current flows through its electronic components (see also following page). Therefore, if you wish to have the balance ready for use, but do not plan to use it for an extended period, you can dispense with plugging in the cable.



Leveling the balance

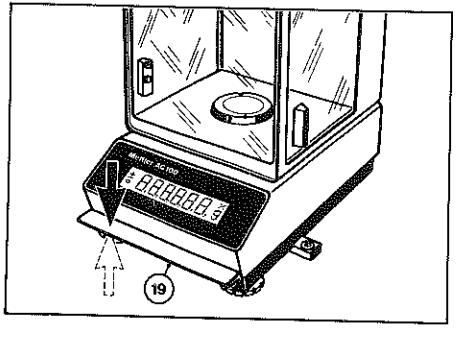
- Turn both leveling screws (32) so that the bubble in the level indicator (33) is in the middle of the circle.

  Tip: the bubble will move toward the leveling screw which is turned in a clockwise direction.

Periodically check the leveling, especially before calibrating.

OPERATION: How to switch the display on and off

The weight display of an electronic balance is especially accurate when it is kept at a constant operating temperature.
As a result, the AC100 is designed so that when the control bar (19) is in the off position, only the display is switched off; the electronic component of the balance remains switched on as long as the power cable is plugged in.



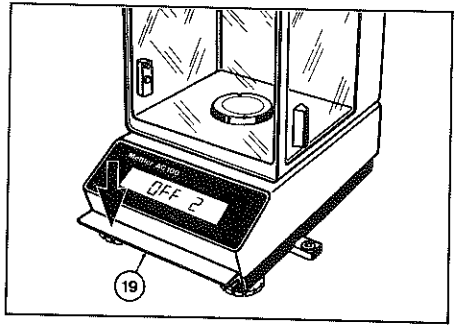
Switching the display on and off

Switching the display on:
- Press the control bar (19). The entire display lights up for several seconds:

  ± 8.8.8.8.8.8 g

  This makes it possible for you to carry out a display check. Then the zero display lights up: 0.0000 g.

Switching the display off:
- Lift the control bar (19). The electronic component of the balance remains under power.

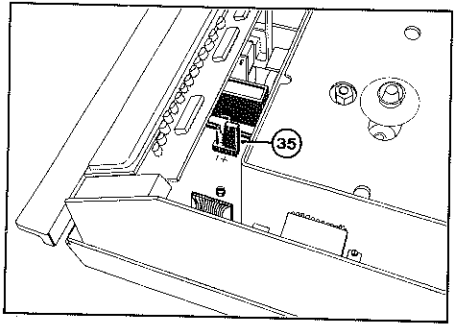


OFF display

If there is a power failure during operation of the balance, the display will indicate "OFF 2" as soon as the power is restored. The gram display must be switched on again:
- Press the control bar (19).

Instructions for calibration

(as a supplement to following page). In cases where the adjusting range of the calibration screw (1) is not sufficient, for example because of geographic location, plug (35) can be reset; this redefines the entire calibration range.



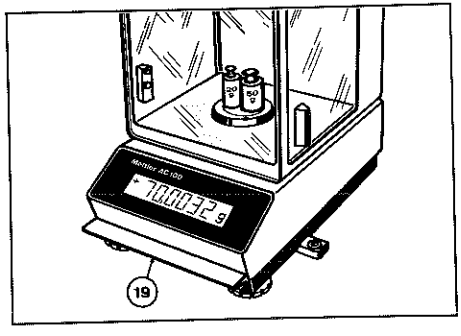
Redefining the calibration range

- Disconnect power cable, open balance housing according to instructions on page 4. Plug (35) is located on P/C board on bottom of balance, behind the display.
- If calibration screw (1) is turned clockwise all the way to stop and the display still indicates a weight more than 70.0000 g, put plug (35) on most forward position (sign "-" on P/C board).
- If calibration screw (1) is turned counterclockwise all the way to stop and the displayed weight is still less than 70.0000 g, put plug (35) on the middle position "+" on P/C board.
- Assemble balance, close housing and calibrate correctly using screw (1).

OPERATION: How to calibrate the balance

Before making any weighings, the balance must be calibrated at its new location (i.e., it must be set to the correct weight display): only then are your weighings accurate.
Before calibrating, the balance must be connected to the power supply for at least 30 minutes (warm-up time).

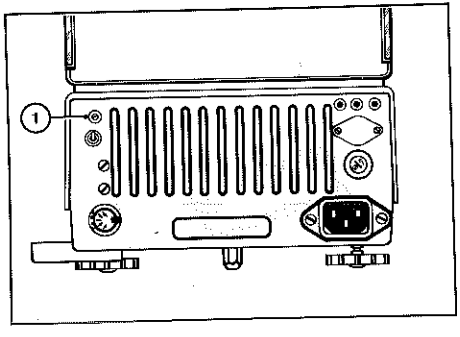
To calibrate, a set of accurate test weights totaling 70 g (50 g + 20 g) is necessary. These can be found under "Accessories". Test weights must always be handled carefully; do not pick them up with your hands.



Checking the calibration

The balance must be connected to a power supply for at least 30 minutes and must be leveled!
- Press control bar (19): 0.0000 g (If not exactly zero, press bar again).
- Place test weights (total of 70 g) on pan. Read display.

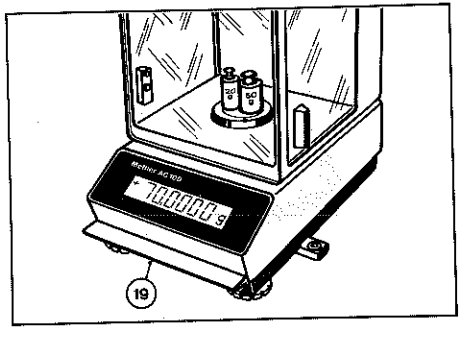
If the balance indicates 70.0000 g, the calibration is okay; if not, the balance must be recalibrated. Set the weight display using calibration screw (1) as described in the center column. After every correction, recheck display; see column all the way to the right!



Resetting the weight display

- Lift off test weights.
- Insert screwdriver into the opening (1) and turn the calibration screw located there: Clockwise if the displayed weight is more than 70.0000 g; counterclockwise if the displayed weight is less than 70.0000 g.

One turn of the screw changes the weight display by about 0.006 g. If the adjustment range of the calibration screw is not sufficient, follow the "Instructions for calibration" on the preceeding page.



Checking the new setting

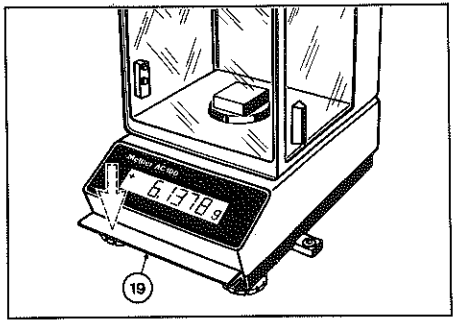
After every correction made using calibration screw (1), recheck the result:

- With removed test weights, press control bar (19): 0.0000 g.
- Place test weights on pan, read result.

If the balance now indicates 70.0000 g, it is ready to use -- if not, it must be corrected further by using calibration screw (1) and checked again until the weight display is correct.

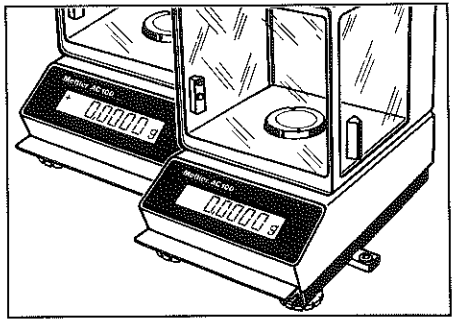
OPERATION: How to make weight determinations

The digital weight display of the balance indicates the weight of the object in just seconds.
For increased accuracy, the displayed result is automatically rounded by the balance.
But always make sure that the balance indicates zero before placing an object on the pan;
if needed, you always can check the exactness of this zero position by means of the sign in front.



Weighing

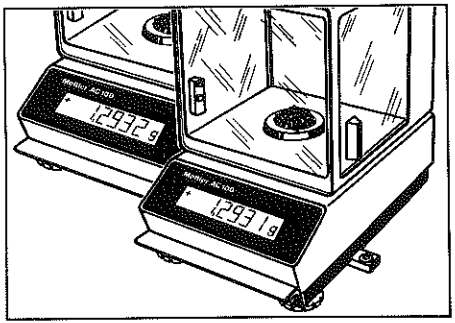
If the balance does not exactly display zero with no load on the pan:
- Press control bar (19); this always sets the display to zero.
- Place object on pan, and after a few seconds:
- Read the weight display.



Checking the zero position

With every weight display, an appropriate sign in front (+/-) appears in the left side of the display field.

If the display is set to zero and the sign in front is blanked out, this means that the zero position of the balance is at least four times more exact then the display accuracy, i.e., it is accurate to 0.000025 g in the AC100.



Result rounding

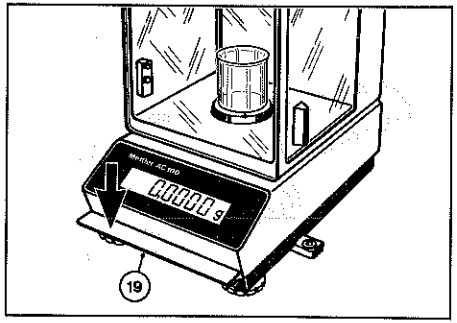
The AC100 balance always measures to one more decimal than displayed. This last measured decimal is rounded according to the 4/5 principle.

Example:

If the balance measures	1.29314 g,
it then displays	1.2931 g;
or	
if the balance measures	1.29315 g;
it then displays	1.2932 g.

OPERATION: How to tare

Taring means to reset the display to zero while a particular weight (e.g., a container) is on the balance.
In this way, the weight of the container is not taken into consideration when weighing the object: the balance only displays the weight of the object itself. Of course, the combined weight of the container and the object must not exceed the weighing range of the balance.
If the DeltaDisplay feature (see next page) is switched on, and if the balance is tared while stability has not yet been achieved, that is to say while the weight indication is still changing, the entire display is blanked out until stability is achieved -- only then will zero appear.

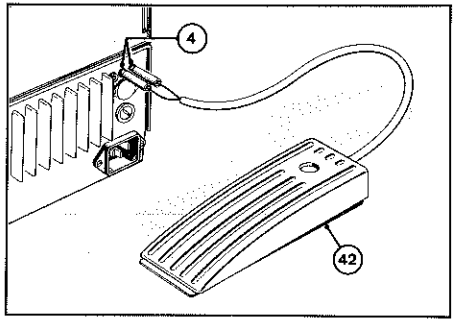


Taring with the single control bar

- Place container on weighing pan; its weight is displayed.
- Press single control bar (19), tare is made: balance shows zero.

Now the weighing range, minus the container weight, is available for weighing in.

If the weight of the container reduces the remaining weighing range too much, the extra tare weights (1 disc of 10 g and 1 of 7.5 g attached to the pan support) can be removed, but only as much as the weight of the container, or else the balance will indicate "underload" (see column to the right).

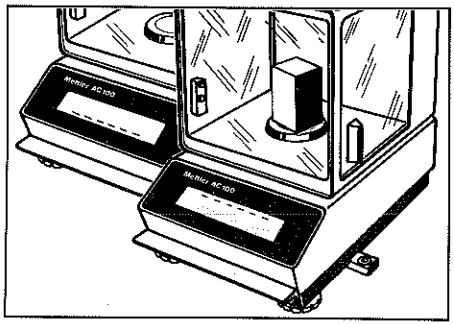


Taring by remote control

Taring can be done with an external operating key instead of with the single control bar (hand key or foot pedal from the accessory selection):

- Connect hand key or foot pedal (42) to the black and green socket (4) (rear wall of balance).

A press of this key sets the display to zero, just like a press of the single control bar.



Overload/underload display

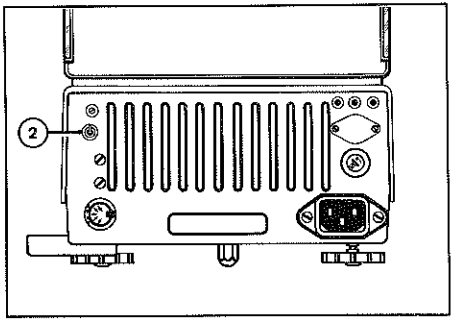
If the weighing range is exceeded, the display is blanked out except for the upper horizontal display segments: this is how the balance indicates "overload".

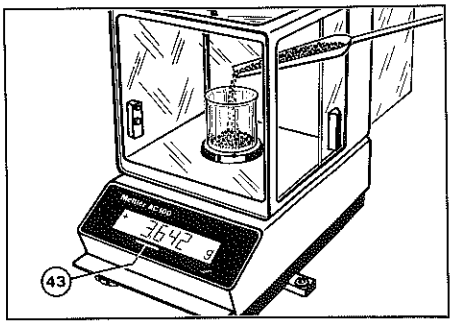
If the balance is loaded up to its maximum capacity, it is possible that only the lower horizontal display segments light up after the balance is unloaded (underload display).

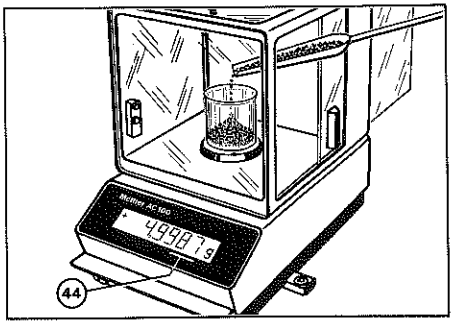
Zero will reappear when you press control bar (19) while the balance is unloaded.

OPERATION: How to weigh in with DeltaDisplay

Weighing in means to fill loose or liquid substances into a container until the desired weight is reached.
The AC100 balance is equipped with DeltaDisplay. This display mode (which can be switched on or off), is especially suitable for weighing-in.
In this mode, the momentary weight is brought to the display especially quickly and the digital change is also speeded up.
During rapid weight changes, the last decimal place is temporarily blanked out.
In addition to the DeltaDisplay, an automatic stability detector is switched on. This feature blocks the Data Output when a weight change occurs.







Preparation

- Set switch (2) on the rear of the balance to point upwards (ON); this switches on the DeltaDisplay and the stability detector.
- Place container on balance; tare, i.e., press single control bar: zero display.

Weighing in

- With continuous weighing in, keep your eye on the two digits from the left (43) until you are in the vicinity of the target weight.

During the quick increase of weight, there is an automatic increase in the display speed and the last decimal place is temporarily blanked out.

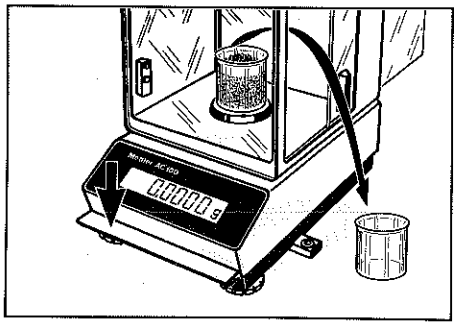
When weighing in finely to approach the target weight, the last digit automatically reappears:

- Now keep your eye on the digits to the right (44).

If different substaces are to be weighed in, one after the other, it is advisable to tare after each completed weighing. That means that each subsequent substance will be weighed in from zero. This can be continued until container and substances together reach the end of the weighing range.

OPERATION: How to make subtractive weighings or carry out weight comparisons

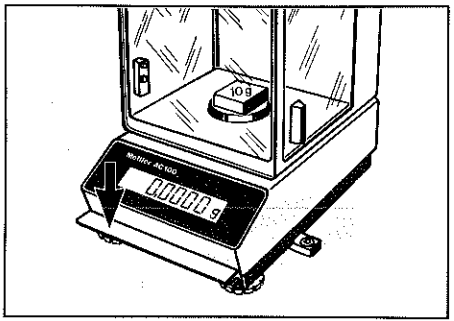
A container filled with the objects to be weighed, or a reference weight (pattern weight) can also be tared out. Because of this, it is possible on the one hand to make subtractive weighings from the container, and on the other hand it is possible to directly read deviations from a reference weight.



Subtractive weighing

- Place container with objects on pan.
- Tare: display indicates zero.
- Take desired material out of the container.

The balance now indicates the weight of the removed objects with the minus sign in front.

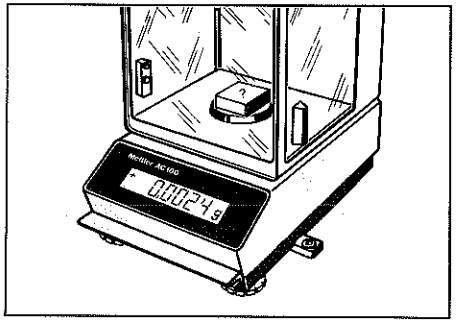


Setting reference weight

- Place reference weight on pan (weight or pattern).
- Tare: zero display.
- Remove reference weight.

The reference weight now appears in the display with a negative sign in front, e.g.: - 10.0000 g.

Now you can directly read deviations from this reference weight:



Plus / minus deviations

- Place object which is to be compared to reference weight on pan.

If the object is heavier, the deviation appears in the display with a positive sign in front, because:

- 10.0000 g + 10.0024 g = + 0.0024 g.

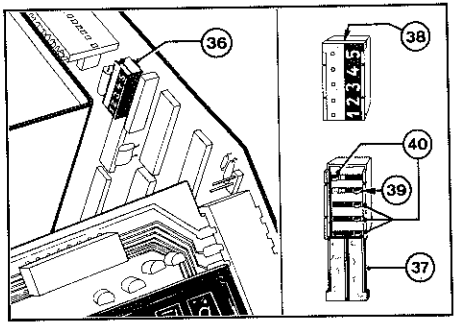
If the object is lighter, the deviation appears in the display with a negative sign in front, because:

- 10.0000 g + 9.9988 g = - 0.0012 g.

FURTHER CAPABILITIES OF THE AC100 BALANCE

The AC100 balance can also be used under demanding circumstances (with scarcely noticeable diminishment of accuracy) by extending the normal integration time set at the factory. In this way, an unstable weight display resulting from external disturbances is stabilized to the correct value. The display change is then made half as quickly. To reset the integration time, you can also call on Mettler Service.

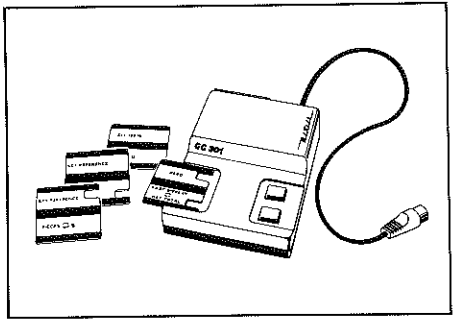
For special weighing jobs, Mettler has available a variety of peripheral instruments and accessories for the AC100 balance. A selection of them is described on the next two pages.



Extending the integration time

The integration time is extended on the internal five-part switch (36):

- Disconnect power cable; open housing as described under "Checking the voltage setting".
- Open switch cover (37) from top to bottom (snap open at (38), top). At the factory, the switch lever (39) is to the right (as in picture): normal integration time.
- To double the integration time, move the switch lever (39) in the direction of the arrow, all the way to the left.
  Note: The other 4 switch levers (40) must not be changed under any circumstances!
- Close switch cover (37), reassemble balance.



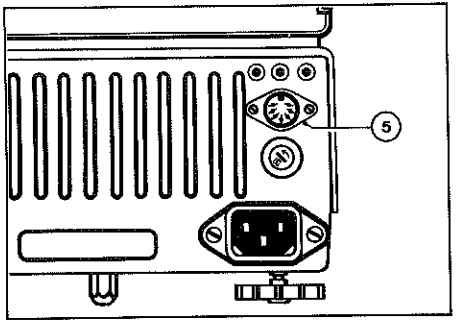
GC301 Application Input Device

The GC301 Application Input Device with interchangeable keys is a very useful accessory for the AC100 balance.

It makes it possible to carry out various special weighings easily and conveniently:

- Parts/piece counting
- Percent weighings
- Net total weighings
- Weighing in towards zero.

Every AC100 balance is equipped with a connection socket (3) for this instrument.



03 Data Output

The AC100 balance can be obtained with data output (5), either from the factory or subsequently installed.

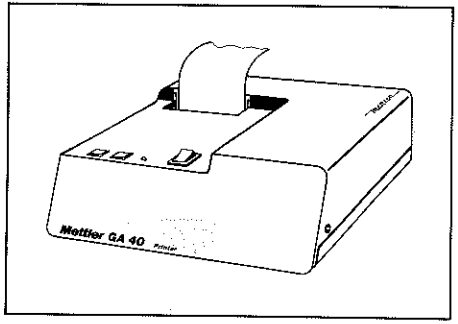
This data output permits connection of the peripheral instruments shown on the following page.

The Order No. for the 03 Option Field Installation Kit with Installation Instructions is: ME-41444.

PERIPHERAL INSTRUMENTS for the 03 Data Output

The peripheral instruments shown can be connected to any AC100 balance if it has an 03 Data Output (see previous page).

These instruments can be connected in a series.



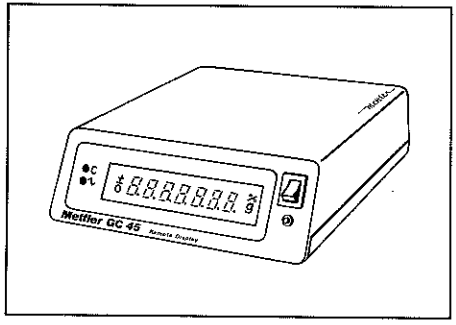
GA40 Thermal Printer

For the graphic recording of weighing data.

Maintenance-free thermal printer (point recorder without ribbon), silent, fast, compact, pleasing to the eye.

Paper tape is not affected by external light, insensitive to mechanical pressure; rolls of up to 30 meters in length for about 5000 printed lines. Width of tape 57 mm (2 1/4 in).

Own power supply 110/130/220/240 V
Width x depth x height:
185 x 200 x 60 mm

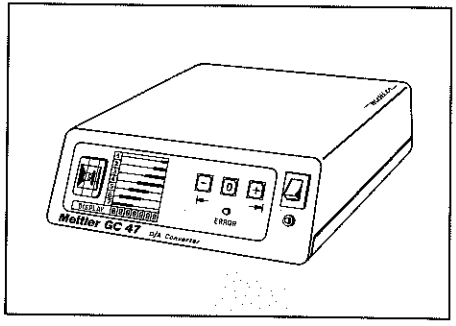


GC45 Remote Display

For the visual monitoring of weighing results away from the weighing station.

Displays exactly the same result as the balance itself.

Own power supply 110/130/220/240 V
Width x depth x height:
185 x 200 x 60 mm



GC47 Digital/Analog Converter

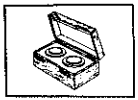
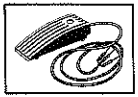
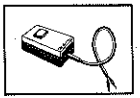
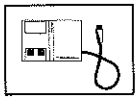
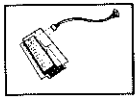
For the conditioning of (digital) weighing results for input into analog instruments, e.g., recorders.

2 outputs: ± 10 V, ± 1 V, multiswitch for decade selection (groups of three).

Own power supply 110/130/220/240 V
With x depth x height:
185 x 200 x 60 mm

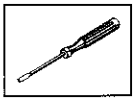
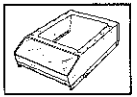
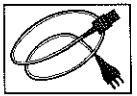
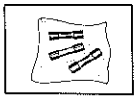
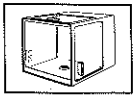
FURTHER ACCESSORIES, optional

(see also pages 13/14)

	Order No.
 Calibration weights (50 g + 20 g)	42051
 Foot pedal	46278
 Hand key	42500
 Application Input Device (see page 13)	GC301
 Density Determination Kit	40290
 03 Data Output Installation kit	41444

STANDARD ACCESSORIES

Along with the balance:

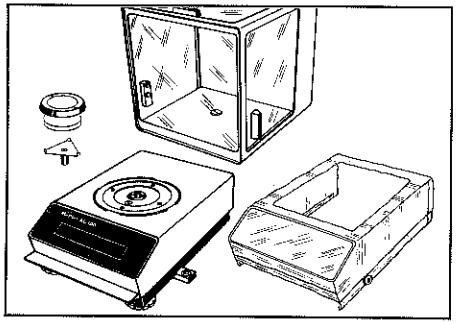
	Order No.
 Screwdriver	50279
 In-use cover	41373
 Power cable Neutral Swiss German USA	87576 87920 87925 88668
 Microfuse (set of 3, T200mA)	20181
 Glass draft shield (replacement glass panes: page 17)	43950

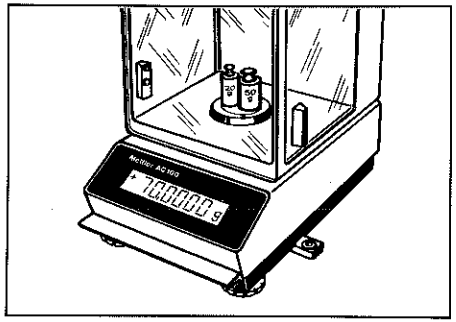
CARE AND MAINTENANCE

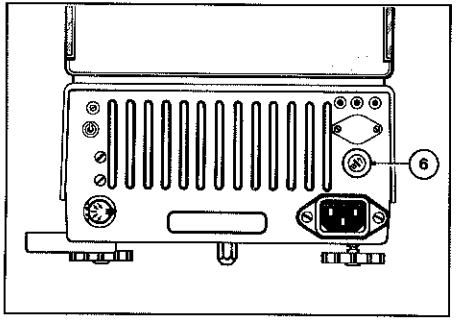
Your balance requires very little care and maintenance.

It should be cleaned and calibrated on a regular basis.

Occasionally the microfuse must be replaced
if the balance cannot be switched on.







Cleaning

If needed, the weighing pan,
the glass draft shield, the
in-use cover and balance housing
should be cleaned.

If possible, do not use any
strong solvents.

Calibration

Your balance must be calibrated
correctly to provide you with
always accurate weighing results.
Check the calibration regularly,
e.g., at least once a month
with continuous use.

For calibration, follow the
directions given on page 8.

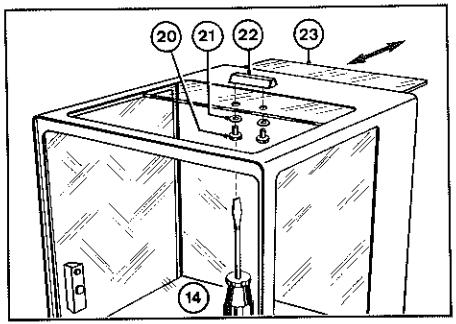
Replacing the microfuse

- Disconnect the power cable,
  turn fuse holder (6) counter-
  clockwise and remove.
- Remove defective fuse
  and insert new fuse (T200mA).
- Return fuse holder (6)
  and tighten by turning clockwise.
- Connect power cable,
  switch balance display on.
- Level balance.

CARE AND MAINTENANCE

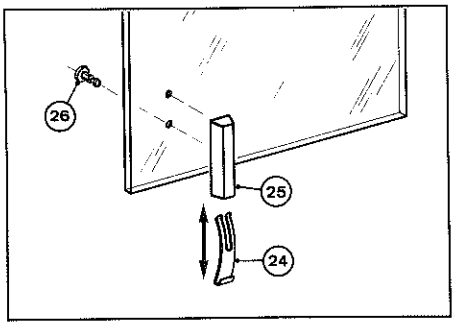
If a door or window of the glass draft shield should break, they are very easy to replace.

Replacement glass panes	Order No.
Top glass pane	43956
Side glass panes, left/right	43957
Front pane	43953



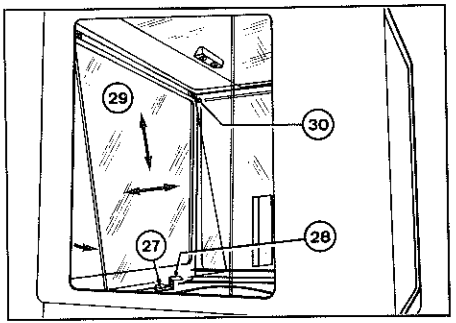
Replacing the sliding door on top

- Proceeding from the inside of the balance, loosen screws (20) and plastic washers (21) underneath handle (22).
- Remove handle (22).
- Slide out door (23) towards the rear.
- Insert new door from rear and make sure boreholes are in front.
- Place handle (22) on top of sliding door.
- Screw in screws with plastic washers into boreholes of handle. Do not tighten too much.



Replacing the sliding door left or right

- Pull out leaf spring (24) from handle (25) towards the bottom, remove handle (25) and bolt (26).
- Slide out door towards the rear.
- Insert new door from rear and make sure boreholes are in front and at bottom of door.
- Proceeding from the inside of the balance, insert bolt (26) in lower borehole.
- Stick handle (25) on bolt (cam of handle must snap into upper hole).
- Slide leaf spring into handle to tighten bolt (26).



Replacing the front window

- Remove cover plate (14).
- Loosen screw (27) and turn angle bracket (28) sideways.
- Gently press down bottom of window pane (29) and loosen it from clamps (30).
- Insert new window pane in reverse sequence, slide it under clamps (30), press it against housing and lower it.
- Turn back angle bracket (28) to prop up window pane and gently tighten screw (27).
- Put cover plate (14) back into draft shield.

WHAT'S WRONG IF....	THEN...
the entire display does not light up?	- the balance display is not switched on (i.e., control bar was not pressed). - the power cable is not connected. - there is no current. - the microfuse is defective. - the voltage selector is plugged onto the incorrect setting.
only the upper segments light up in the display?	- too much weight has been placed on the weighing pan (weighing range has been exceeded). - the balance is defective (notify Customer Service).
only the lower segments light up in the display?	- too many tare weights (under weighing pan) removed. - the weighing pan is not installed. - the weighing range was exceeded before removing the weight (tare + weighed-in object; it was not evident because of taring). Correction: press control bar with no load on pan.
the "OFF 2" display appears?	- there has been a power failure (press control bar). - the control bar was not pressed all the way when the balance display was switched on.
the weighing result is unstable?	- the draft shield is not closed. - the balance is in direct sunlight. - the weighing table is unstable. - the voltage selector has been plugged onto the incorrect setting. - the set integration time is too short.
the weighing result is obviously incorrect?	- the balance is not leveled. - the calibration is not in order. - the display was not set to zero before making the weighing.

TECHNICAL SPECIFICATIONS

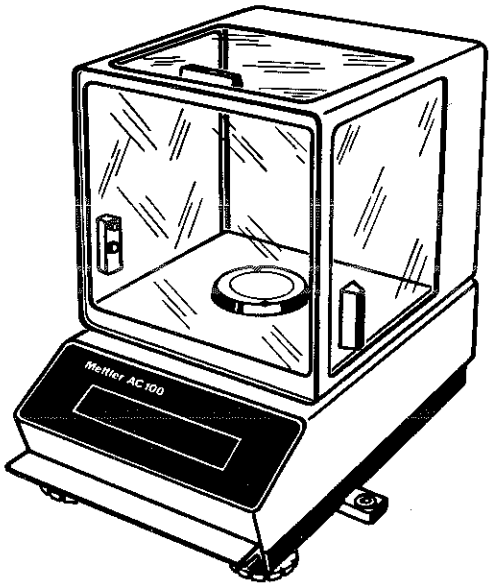
Weighing range		82 g
Readability		0.1 mg
Electronic tare range (subtractive)		82 g
Additional tare range (tare weights)	approx.	20 g
Admissible ambient temperature (during operation)		0...+ 40°C
Sensitivity drift (10...30°C)		± 3 x 10^{-6}/°C
Result deviation (with balance inclined by 1 : 1000)		± 0.5 mg
Reproducibility (standard deviation)		± 0.1 mg
Linearity based on 10 g		± 0.2 mg
based on 80 g		± 0.5 mg
Stabilization time	approx.	4 s
Integration time		2 s / 4 s *
Display sequence DeltaDisplay off		1 s / 2 s *
DeltaDisplay on		0.25 s / 0.5 s *
Stability control (sensitivity invariable)		on/off
Voltage, adjustable		110, 130, 220, 240 V
Admissible voltage fluctuations		+ 10 %, - 15 %
Frequency		50...60 Hz
Power consumption	approx.	16 VA
Weighing pan (stainless steel)		dia. 60 mm
Weighing chamber (w x d x h)		175 x 146 x 165 mm
Balance housing with draft shield (w x d x h)		187 x 301 x 270 mm
Weight with draft shield		8.8 kg
03 Data Output for peripheral instruments		
- Factory installed		AC100-03
- Option 03 field installation kit (page 13)		ME-41444

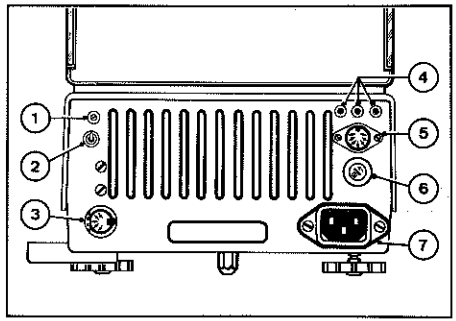
* integration time doubled (see page 13)

2-wire data interface, galvanically separated, unidirectional. Alphanumeric characters, ASCII/ISO caracter code: 7-bit, even parity. Transfer rate 2400 baud. 20 mA loop current, passive. Connector 7-pole, type Hirschmann Mab 7 S.

ELEKTRONISCHE ANALYSENWAAGE AC100

Wägebereich	82 g
Ablesegenauigkeit	0,1 mg
Tarierbereich elektrisch	82 g
Tarier-Zusatzbereich (Taragewichte)	ca.20 g





Bedienelemente und Anschlüsse
an der Rückseite der Waage:

1 Kalibrierschraube
2 Ein/Aus-Schalter für DeltaDisplay
und Stillstandskontrolle
3 Anschluss für GC301
4 Anschluss für Tara-Fernbedienung
(grün/schwarz); Erdungsbuchse (gelb)
5 Datenausgang 03 für Zusatzgeräte
(Option 03)
6 Sicherungshalter
7 Netzanschluss

CARACTERISTICAS TECNICAS

Campo de pesada	82 g
Precisión de lectura	0,1 mg
Zona de tarado eléctrica (sustractiva)	82 g
Zona de tarado adicional (pesas de tarado)	20 g
Temperatura ambiente permisible (en operación)	0... + 40°C
Deriva de sensibilidad (10...30°C)	± 3 x 10^{-6}/°C
Desviación del resultado (en posición inclinada 1 : 1000)	± 0,5 mg
Reproducibilidad (desviación típica)	± 0,1 mg
Linealidad referida a 10 g	± 0,2 mg
referida a 80 g	± 0,5 mg
Tiempo de estabilización	unos 4 s
Tiempo de integración	2 s / 4 s *
Secuencia de indicación DeltaDisplay desconectado	1 s / 2 s *
DeltaDisplay conectado	0,25 s / 0,5 s *
Control de estabilización (Sensibilidad fija)	desconectable
Tensiones ajustables	110, 130, 220, 240 V
Fluctuaciones de tensión permisibles	+ 10 %, - 15 %
Frecuencia	50...60 Hz
Potencia absorbida	unos 16 VA
Platillo (acero al cromo-níquel)	ø 60 mm
Cámara de pesada (anchura x fondo x altura)	175 x 146 x 165 mm
Caja de balanza con corta-aires (anchura x fondo x altura)	187 x 301 x 270 mm
Peso con corta-aires	8,8 kg
Salida de datos 03 para aparatos auxiliares	
- Incorporada en fábrica	AC100-03
- Suplemento Opción 03 (vea página 67)	ME-41444

* con un tiempo de integración doble (vea página 67)

Interfase de 2 hilos, unidireccional, separados galvánicamente. Caracteres alfanuméricos, código de caracteres ASCII/ISO: 7 bit, even parity. Velocidad de transferencia 2400 baudios. Corriente de lazo 20mA. Conector de 7 polos, tipo Hirschmann Mab 7 S.

 ME-701 027 Printed in Switzerland 10.0/8108/2.33

Mettler Instrumente AG, CH-8606 Greifensee, Switzerland, Tel. (01) 941 22 41, Telex 54592
Mettler-Waagen GmbH, Postfach 110840, D-6300 Giessen, Tel. (06 41) 59 11, Telex 482912
Mettler Instrumenten B.V., Postbus 401, 4000 AK Tiel, Holland, Tel. (03440) 11311*, Telex 70179
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Mettler