



Easy Weighing Access

WEIGHING Activate weighing application
 Press and hold → 0.00 g
 • Cancel running application

Tare
 Press briefly → 0.00 g
 → 121.01 g
 → 0.00 g Net

Switching Units
 Press briefly → 22.00 g Unit 1
 → * 22.00 g M Recall
 • if activated
 → 0.78 mg Unit 2
 • if activated
 • if different from Unit 1

Quick Application Access

F1 Press and hold → **FORMULA** Execute the assigned F1 application. Factory setting: "Formula"
 → 0.00 g

F2 Press and hold → **COUNTING** Execute the assigned F2 application. Factory setting: "Piece Counting"
 → F1: 10 Pcs

F3 Press and hold → **CHECK** Execute the assigned F3 application. Factory setting: "Checkweighing"
 → SET NOM.

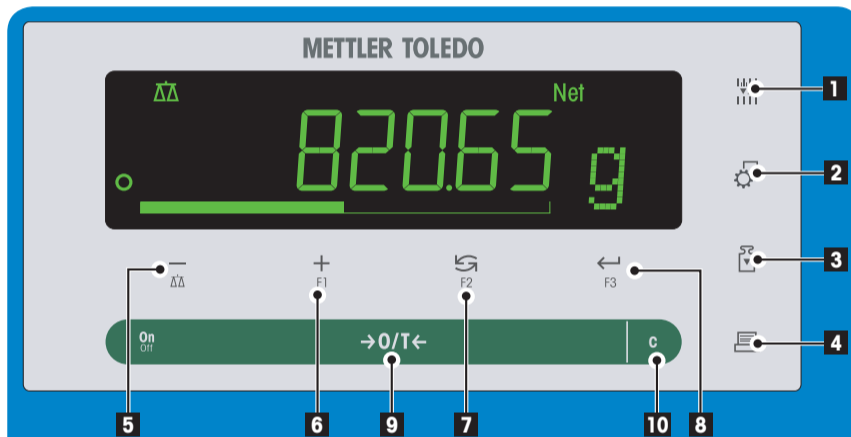
Application Settings
Note: There is a **timeout** during the setup. The balance switches back to the **last active** application.

Direct Adjustment Access

Execute predefined adjusting (calibration) procedure
 Press briefly → **ADJUST**
 Factory Setting: Internal adjustment

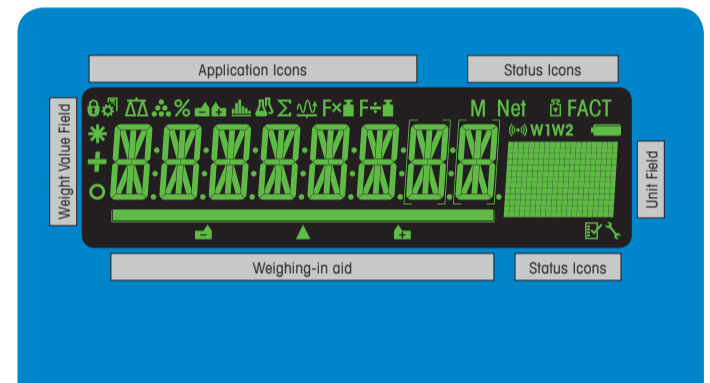
External Adjustment Procedure
 Press briefly → 1000.00 g
 → 0.00 g
 → **ADJ DONE**
 → 0.00 g

Operation Keys



| Key Functions | | | |
|---------------|-------------------|--|---|
| No. | Key | Press briefly (less than 1.5 s) | Press and hold (longer than 1.5 s) |
| 1 | [Resolution Icon] | To change display resolution (1/10d function) while application is running | no function |
| 2 | [Settings Icon] | Enter or leave menu (Parameter settings) | no function |
| 3 | [Adjustment Icon] | Execute predefined adjusting (calibration) procedure | no function |
| 4 | [Printout Icon] | Printout display value Printout menu settings Transmit data | no function |
| 5 | [Up Arrow] | To navigate back (scroll up) within menu topics or menu selections Decrease (numerical) parameters within menu and in applications | To select the weighing application Decrease (numerical) parameters quickly within menu and in applications |
| 6 | [Down Arrow] | To navigate forward (scroll down) within menu topics or menu selections Increase (numerical) parameters within menu and in applications | To select assigned F1 application and entering the parameter settings of application. Default F1 application assignment: Formula- tion Increase (numerical) parameters quickly within menu and in applications |
| 7 | [Circular Arrow] | With entries: scroll down To navigate through menu topics or menu selections To toggle between unit 1, recall value (if selected), unit 2 (if different from unit 1) and the application unit (if any) | To select assigned F2 application and entering the parameter settings of application. Default F2 application assignment: Piece counting |
| 8 | [Left Arrow] | To enter or leave menu selection (from / to menu topic) To enter application parameter or switch to next parameter To store parameter | To select assigned F3 application and entering the parameter settings of application. Default F3 application assignment: Check-weighing |
| 9 | [ON/OFF / →0/T←] | Switch on Zero/Tare | Switch off |
| 10 | [C] | Cancel and to leave menu without saving (one step back in the menu). | no function |

Display Panel



| Application Icons | | Status Icons | |
|-------------------|---------------------------------------|--------------------|--|
| [Lock Icon] | Menu locked | M | Indicates stored values (memory) |
| [Gear Icon] | Menu settings activated | Net | Indicates Net weight values |
| [Scales Icon] | Application "Weighing" | [Adjustment Icon] | Adjustments (calibration) started |
| [Dots Icon] | Application "Piece counting" | FACT | FACT activated |
| [House Icon] | Application "Check weighing" | [Diagnostic Icon] | Diagnostic mode & Application "Routine test" activated |
| [Bar Chart Icon] | Application "Statistics" | [Wrench Icon] | Service reminder |
| [Flask Icon] | Application "Formulation / Net-Total" | [Speaker Icon] | Acoustic feedback for pressed keys activated |
| | | W1 | Weighing range 1 (Dual Range models only) |
| | | W2 | Weighing range 2 (Dual Range models only) |
| Unit Field | | Weight Value Field | |
| [g Icon] | Marking of weighing units: gram | [Minus Icon] | Indicates negative values |
| [kg Icon] | kilogram | [Circle Icon] | Indicates unstable values |
| [mg Icon] | milligram | [Star Icon] | Indicates calculated values |
| [>> Icon] | Selection available | [Bracket Icon] | Indicates uncertified digits (approved models only) |
| Weighing-in aid | | | |
| [Target Icon] | Marking of nominal or target weight | [T+ Icon] | Marking of tolerance limit T+ |
| [T- Icon] | Marking of tolerance limit T- | | |

Menu Map

Menu Operation

- Enter menu
- Leave menu with saving

Scroll down

Scroll up

- Enter selection or menu
- Execute setting

- One step back
- Leave menu without saving

Main Menu

- BASIC** >> ← Basic Menu
- ADVANCED** >> ← Advanced Menu
- INTERFACE** >> ← Interface Menu
- PROTECT** >> ← Protection

Basic Menu

| Topic | Selection |
|--------------|------------|
| DATE >> | 01.01.2008 |
| TIME >> | + 1H |
| | - 1H |
| SET TIME >> | 12:00 |
| UNIT 1 >> | g |
| | kg |
| UNIT 2 >> | g |
| | mg |
| | NO |
| KEY BEEP >> | MED |
| | HIGH |
| | OFF |
| | LOW |
| STAR BEEP >> | LOW |
| | MED |
| | HIGH |
| | OFF |
| RESET >> | NO? |
| | YES? |

Advanced Menu

| Topic | Selection |
|---------------|--------------|
| WEIG.MODE >> | UNIVERS. |
| | POSING |
| ENVIRON. >> | STANDARD |
| | UNSTABLE |
| | STABLE |
| CAL >> | ADJ. INT. |
| | ADJ. EXT. >> |
| | 200.00 g |
| | ADJ. OFF |
| ADJ.CUST.F >> | EXECUTE |
| | RESET >> |
| | NO? |
| | YES? |
| FACT >> | TIME >> |
| | 12:00 |
| | OFF |
| FACT.PRT >> | ON |
| | OFF |

Legend

- Factory setting
- Not available with approved models.
- Not available with approved models (except OIML accuracy class I approved models).
- Settings are automatically set for the 2nd display.

Software version V2.20

| Topic | Selection |
|--------------|-------------|
| DATE.FORM >> | DD.MM.Y |
| | MM/DD/Y |
| | Y-MM-DD |
| | DDMMY |
| | MMY |
| TIME.FORM >> | 24.MM |
| | 12.MM |
| | 24.MM |
| | 12.MM |
| RECALL >> | OFF |
| | ON |
| SHUTOFF >> | ROFF 10 min |
| | ROFF - |
| | ROFF 2 min |
| | ROFF 5 min |
| BACKLIGHT >> | 3.L. ON |
| | 3.L. 30 s |
| | 3.L. 1 min |
| | 3.L. 2 min |
| | 3.L. 5 min |
| DISPLAY >> | BRIGHTN. >> |
| | 50 % |
| | CONTRAST >> |
| | 75 % |
| AUTOZERO >> | ON |
| | OFF |
| ZERO RNG >> | 21.00 g |
| LANGUAGE >> | ENGLISH |
| | DEUTSCH |
| | FRANCAIS |
| | ESPAÑOL |
| | ITALIANO |
| | RUSSIAN |
| | POLSKI |
| | ČESKY |
| | MAGYAR |
| | NEDERL. |
| | BR.PORTUG |
| ASSIGN.F1 >> | FORMULA |
| | COUNTING |
| | CHECK |
| | STAT |
| ASSIGN.F2 >> | COUNTING |
| | CHECK |
| | STAT |
| | FORMULA |
| ASSIGN.F3 >> | CHECK |
| | STAT |
| | FORMULA |
| | R.TEST |
| | COUNTING |
| DIAGNOSE >> | REPERT. |
| | DISPLAY |
| | KEYPAD T |
| | CAL.MOT. T |
| | 3AL.HIST |
| | CAL.HIST |
| | 3AL.INFO |
| | PROVIDER |
| SERV.ICON >> | ON |
| | OFF |
| SERV.RST >> | NO? |
| | YES? |

Interface Menu

| Topic | Selection |
|----------------|---------------|
| PS232 >> | PRINTER >> |
| | PRT.STAR |
| | PRT.AUTO |
| | PRT.ALL |
| | PRT.STAR |
| | PRT.AUTO |
| | PRT.ALL |
| | SEND.OFF |
| | SEND.STB |
| | SEND.CONT |
| | SEND.AUTO |
| | SEND.ALL |
| | 2.DISPLAY |
| HEADER >> | NO |
| | DATE/TIM |
| | DATE/3AL |
| SINGLE >> | NET |
| | 6/T/N |
| SIGNAL >> | OFF |
| | ON |
| LINEFEED >> | 0 |
| ZERO.PRT >> | OFF |
| | ON |
| COMSET >> | MT-SICS |
| | MT-PM |
| | SART |
| AUDIRATE >> | 9600 |
| | 4800 |
| | 600 ... 38400 |
| BIT.PAR >> | 8/NO |
| | 7/NO |
| | 7/MARK |
| | 7/SPACE |
| | 7/EVEN |
| | 7/ODD |
| STOPBIT >> | 1 BIT |
| | 2 BITS |
| HDSHAKE >> | ON/OFF |
| | RTS/CTS |
| | OFF |
| RS.TX.E.O.L >> | (CR):LF |
| | (CR) |
| | (LF) |
| | (TAB) |
| RS.CHAR >> | IBM/DOS |
| | ANSI/WIN |
| USB >> | PC-31R >> |
| | PRT.STAR |
| | PRT.AUTO |
| | PRT.ALL |
| | SEND.OFF |
| | SEND.STB |
| | SEND.CONT |
| | SEND.AUTO |
| | SEND.ALL |
| | HOST >> |
| | MT-SICS |
| | MT-PM |
| | SART |
| USB.E.O.L >> | (CR):LF |
| | (CR) |
| | (LF) |
| | (TAB) |
| USB.CHAR >> | ANSI/WIN |
| | IBM/DOS |
| INTERVAL >> | 0 s |

Protection

| Topic | Selection |
|------------|-----------|
| PROTECT >> | OFF |
| | ON |

www.mt.com/pharmacy

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