

# NewClassic Balances MS Semi-Micro Models

## Easy Weighing Access

**WEIGHING** Activate weighing application  
Press and hold  
0.00000 g  
• Cancel running application

**Tare**  
→0/T← Press briefly  
0.00000 g  
210.1000 g  
0.00000 g Net

**Switching Units**  
Press briefly  
22.00000 g Unit 1  
\*22.00000 g M Recall  
• if activated  
0.78000 oz Unit 2  
• if activated  
• if different from Unit 1

## Quick Application Access

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

**F2** Press and hold → **PERCENT** Execute the assigned F2 application. Factory setting: "Percent Weighing"

**F3** Press and hold → **STAT** Execute the assigned F3 application. Factory setting: "Statistics"

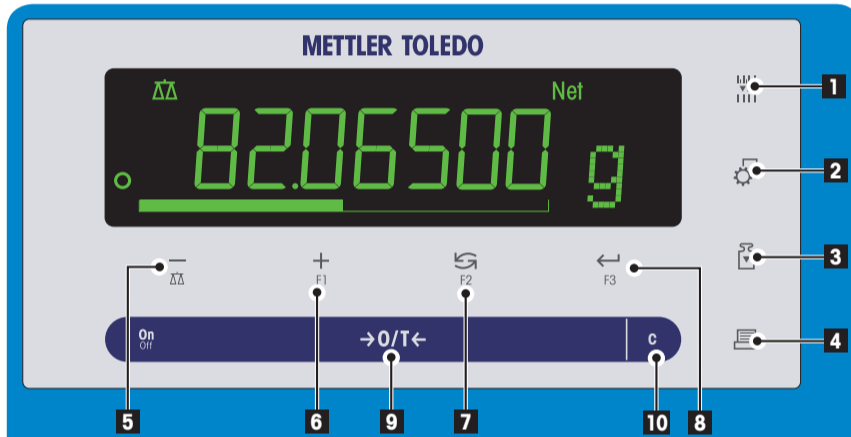
**Application Settings**  
**Note:** There is a **timeout** during the setup. The balance switches back to the **last active** application.

## Direct Adjustment Access

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

**External Adjustment Procedure**  
Press briefly  
ADJ.ENT  
200.00000 g  
0.00000 g  
ADJ DONE  
0.00000 g

## Operation Keys



Key Functions			
No.	Key	Press briefly (less than 1.5 s)	Press and hold (longer than 1.5 s)
1		<ul style="list-style-type: none"> <li>To change display resolution (1/10d function) while application is running</li> <li><b>Note:</b> not available with approved models in selected countries</li> </ul>	no function
2		<ul style="list-style-type: none"> <li>Enter or leave menu (Parameter settings)</li> <li>Save parameters</li> </ul>	no function
3		<ul style="list-style-type: none"> <li>Execute predefined adjusting (calibration) procedure</li> </ul>	no function
4		<ul style="list-style-type: none"> <li>Printout display value</li> <li>Printout menu settings</li> <li>Transmit data</li> </ul>	no function
5		<ul style="list-style-type: none"> <li>To navigate back (scroll up) within menu topics or menu selections</li> <li>Decrease (numerical) parameters within menu and in applications</li> </ul>	<ul style="list-style-type: none"> <li>To select the weighing application</li> <li>Decrease (numerical) parameters quickly within menu and in applications</li> </ul>
6		<ul style="list-style-type: none"> <li>To navigate forward (scroll down) within menu topics or menu selections</li> <li>Increase (numerical) parameters within menu and in applications</li> </ul>	<ul style="list-style-type: none"> <li>To select assigned F1 application and entering the parameter settings of application.</li> <li>Default F1 application assignment: Piece counting</li> <li>Increase (numerical) parameters quickly within menu and in applications</li> </ul>
7		<ul style="list-style-type: none"> <li>With entries: scroll down</li> <li>To navigate through menu topics or menu selections</li> <li>To toggle between unit 1, recall value (if selected), unit 2 (if different from unit 1) and the application unit (if any)</li> </ul>	<ul style="list-style-type: none"> <li>To select assigned F2 application and entering the parameter settings of application.</li> <li>Default F2 application assignment: Percent weighing</li> </ul>
8		<ul style="list-style-type: none"> <li>To enter or leave menu selection (from / to menu topic)</li> <li>To enter application parameter or switch to next parameter</li> <li>To store parameter</li> </ul>	<ul style="list-style-type: none"> <li>To select assigned F3 application and entering the parameter settings of application.</li> <li>Default F3 application assignment: Statistics</li> </ul>
9	ON/OFF →0/T←	<ul style="list-style-type: none"> <li>Switch on</li> <li>Zero/Tare</li> </ul>	<ul style="list-style-type: none"> <li>Switch off</li> </ul>
10	c	<ul style="list-style-type: none"> <li>Cancel and to leave menu without saving (one step back in the menu).</li> </ul>	<ul style="list-style-type: none"> <li>no function</li> </ul>

## Display Panel

Application Icons		Status Icons	
	Menu locked	<b>M</b>	Indicates stored values (memory)
	Menu settings activated	<b>Net</b>	Indicates Net weight values
	Application "Weighing"		Adjustments (calibration) started
	Application "Piece counting"	<b>FACT</b>	FACT activated
	Application "Percent weighing"		Diagnostic mode & Application "Routine test" activated
	Application "Statistics"		Service reminder
	Application "Formulation / Net-Total"		Acoustic feedback for pressed keys activated
	Application "Totaling"	<b>W1</b>	Weighing range 1 (Dual Range models only)
	Application "Multiplication factor"	<b>W2</b>	Weighing range 2 (Dual Range models only)
	Application "Division factor"		Not used
	Application "Density"	<b>Weight Value Field</b>	
	Application "PipetteCheck"		Indicates negative values
<b>Unit Field</b>			Indicates unstable values
	gram		Indicates calculated values
	milligram		Indicates uncertified digits (approved models only)
	carat	<b>Weighing-in aid</b>	
	pound		Marking of nominal or target weight
	ounce		Not used
	troy ounce		Not used
	grain		
	pennyweight		
	momme		
	mesghal		
	Hong Kong taels		
	Singapore taels		
	Taiwan taels		
	tola		
	baht		
>>	Selection available		

# 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
	mg
UNIT 2 >>	g
	mg
	NO
KEY BEEP >>	MED
	HIGH
	OFF
	LOW
STAB BEEP >>	MED
	HIGH
	OFF
	LOW
RESET >>	NO?
	YES?

### Advanced Menu

Topic	Selection
WEIG.MODE >>	UNIVERS.
	DOSING
ENVIRON >>	STANDARD
	UNSTABLE
	STABLE
CALL >>	ADJ.INT
	ADJ.EFT >> ← 200.00 g
	ADJ.OFF
ADJ.CUST.F >>	EXECUTE
	RESET >> ← NO?
	YES?
FRACT >>	TIME >> ← 12:00
	OFF
FRACT.PRT >>	ON
	OFF
DATE.FORM >>	DD.MM.Y
	MM/DD/Y
	Y-MM-DD
	DDMMY
	MMYY

**Legend**

- Factory setting
- Only those weight units allowed by the appropriate national legislation are selectable.
- Not available with approved models.
- Settings are automatically set for the 2nd display.

Software version V2.20

Topic	Selection
TIME.FORM >>	24.MM
	12.MM
	24.MM
	12.MM
RECALL >>	OFF
	ON
SHUT.OFF >>	A.OFF 10 min
	A.OFF -
	A.OFF 2 min
	A.OFF 5 min
BRIGHT >>	B.L. ON
	B.L. 30 s
	B.L. 1 min
	B.L. 2 min
	B.L. 5 min
DISPLAY >>	BRIGHTN. >> ← 50 %
	CONTRAST >> ← 75 %
AUTOZERO >>	ON
	OFF
ZERO.RNG >>	1.20000 g
LANGUAGE >>	ENGLISH
	DEUTSCH
	FRANCAIS
	ESPAÑOL
	ITALIANO
	RUSSIAN
	POLSKI
	CESKY
	MAGYAR
	NEDERL.
	BR.PORTUG.
ASSIGN.F1 >>	COUNTING
	PERCENT
	STAT
	FORMULA
	TOTALING
	FACTOR 1
	FACTOR 2
	DENSITY
	PIPETTE
ASSIGN.F2 >>	PERCENT
	STAT
	↓
	COUNTING
ASSIGN.F3 >>	STAT
	↓
	R.TEST
	COUNTING
	PERCENT
DRAGNOSE >>	REPEAT.T
	DISPLAY
	KEYPAD.T
	CAL.MOT.T
	BAL.HIST
	CAL.HIST
	BAL.INFO
	PROVIDER
SERV.ICON >>	ON
	OFF
SERV.RST >>	NO?
	YES?

### Protection

Topic	Selection
PROTECT >>	OFF
	ON

### Interface Menu

Topic	Selection
RS232 >>	PRINTER >>
	PC-IR >>
	HOST >>
	2-DISPLAY
HEADER >>	NO
	DATUM
	DYNAMIC
SINGLE >>	NET
	6/T/N
SIGNAL >>	OFF
	ON
LINE.FEE >>	0
ZERO.PRT >>	OFF
	ON
COMSET >>	MT-SICS
	MT-PM
	SART
BAUDRATE >>	9600
	4800
BIT.PAR >>	8/NO
	7/NO
	7/MARK
	7/SPACE
	7/EVEN
	7/ODD
STOP.BIT >>	1.BIT
	2.BITS
HDSHAKE >>	ON/OFF
	RTS/CTS
	OFF
RS232.E.O.L >>	{CR}{LF}
	{CR}
	{LF}
	{TAB}
RS.CHAR >>	IBM/DOS
	ANSI/WIN
USB >>	PC-IR >>
	HOST >>
	MT-SICS
	MT-PM
	SART
USB.E.O.L >>	{CR}{LF}
	{CR}
	{LF}
	{TAB}
USB.CHAR >>	ANSI/WIN
	IBM/DOS
INTERVAL >>	0 s
ERGOSENS >>	OFF
	ON
	INT
	PRINT
	PRT.STAB
	PRT.AUTO
	PRT.ALL
	PRT.STAB
	PRT.AUTO
	PRT.ALL
	SEND.OFF
	SEND.STB
	SEND.CONT
	SEND.AUTO
	SEND.ALL

