

BBA462rem / BBK462rem

Enormous performance potential for FreeWeigh.Net®



Connection to FreeWeigh.Net®

The balance has been optimized for connection to the networked quality assurance system FreeWeigh.Net®. This METTLER TOLEDO solution enables various quality control parameters to be recorded and centrally managed within your production process.



Interfaces

All BBA462rem and BBK462rem remote balances are equipped with two serial RS232 interfaces and one Ethernet interface as standard. In addition to this, all balances also have a PS2 peripheral interface.



Remote compact balances

The robust and reliable test bench solution for FreeWeigh.Net®

Many applications for fill quantity monitoring require a space-saving, robust, easy-to-operate balance that can be put into service quickly and operated efficiently without the need for complex user training. The BBA462rem and BBK462rem remote balances have a built-in terminal function which connects them directly to the FreeWeigh.Net® quality control system. This allows sample data, including quality attributes, to be directly recorded without the need for a PC on the manufacturing floor. Once the statistical data has been recorded, it can be reviewed immediately on the large, highly legible LCD display.

BBK462rem

FreeWeigh.Net®
remote scales with
MonoBloc technology



MonoBloc
inside

MonoBloc-Types	BBK462rem-3XS	BBK462rem-3LXS	BBK462rem-6XS	BBK462rem-6SM	BBK462rem-15LA	BBK462rem-35LA
Order Number	21 901 195	21 901 210	21 901 196	21 901 197	21 901 198	21 901 199
Display	Active-dot-matrix LCD (235 x 64 pixels)					
Keypad	25 keys: ON/OFF; Reset; Tare; Transfer; Toggle: Upper/lower case; Delete; Info Alphanumeric keypad for input of product numbers and names in "cell phone"-mode 6 function keys, controlled and function-specific defined by FreeWeigh.Net®					
Housing	Aluminium die cast					
Overall dimensions (mm)	265 x 335 x 100			360 x 370 x 115		
Weigh pan	Stainless steel					
Weigh pan size (mm)	165 x 165			200 x 240		240 x 350
Maximum Capacity (g)	3'100	3'100	6'100	6'100	15'100	35'100
Resolution non approved [d] (g)	0.01	0.1	0.01	0.2	0.5	0.1
Resolution approved [e] (g)	0.1	0.1	0.1	0.2	0.5	1
Interfaces	Communication interface: 2 x RS232, 1 x Ethernet. Peripheral interface: 1 x PS2 for keyboard and/or Barcode Reader					
Special features	Equipped with Remote-Firmware for FreeWeigh.Net®-Connectivity ex works					

Options

Calibration class OIML II (completely certifiable, contains also the internal calibration weight)	22 013 070
Internal calibration weight (already included in verified models)	22 013 091
External power supply 17 – 24 VDC	22 013 089

BBA462rem

FreeWeigh.Net®
remote scales with
strain gauge technology



Strain Gauge-Types	BBA462rem-3SM	BBA462rem-6SM	BBA462rem-15LA	BBA462rem-35LA
Order Number	21 901 190	21 901 191	21 901 192	21 901 193
Display	Active-dot-matrix LCD (235 x 64 pixels)			
Keypad	25 keys: ON/OFF; Reset; Tare; Transfer; Toggle: Upper/lower case; Delete; Info Alphanumeric keypad for input of product numbers and names in "cell phone"-mode 6 function keys, controlled and function-specific defined by FreeWeigh.Net®			
Housing	Aluminium die cast			
Overall dimensions (mm)	265 x 335 x 100		360 x 370 x 115	
Weigh pan	Stainless steel			
Weigh pan size (mm)	200 x 240		240 x 350	
Maximum Capacity (kg)	3	6	15	35
Resolution non approved [d] (g) ¹⁾	1 / 0.5 / 0.2 / 0.1	2 / 1 / 0.5 / 0.2	5 / 2 / 1 / 0.5	10 / 5 / 2 / 1
Resolution approved [e] (g)	1 / 0.5	2 / 1	5 / 2	10 / 5
Interfaces	Communication interface: 2 x RS232, 1 x Ethernet. Peripheral interface: 1 x PS2 for keyboard and/or Barcode Reader			
Special features	Equipped with Remote-Firmware for FreeWeigh.Net®-Connectivity ex works			

1) Standard / Option

Options

Resolution: 6'000 (with specially optimized weighcell)	22 013 065
Resolution: 15'000 (with specially optimized weighcell, not calibratable)	22 013 066
Resolution: 30'000 (with specially optimized weighcell, not calibratable)	22 013 067
Calibration class OIML III – 1 x 3'000e	22 013 093
Calibration class OIML III – 1 x 6'000e (with specially optimized weighcell)	22 013 069
External power supply 17 – 24 VDC	22 013 089

Accessories

Scale protective in-use cover for small chassis (XS, SM)	21 203 207
Scale protective in-use cover for large chassis (LA)	21 203 206
Antitheft device	00 229 175

Strip printer

Strip printer Sprinter 1 (with EU power plug)	21 253 399
Strip printer Sprinter 1 (with UK power plug)	21 253 745
RS232 cable for Sprinter 1 (1.8m)	21 253 677
RS232 cable for PC connection (1.8m)	00 410 024
Strip printer RS-P42 (incl. cable)	00 229 265
Mini PC-keypad (US layout), PS2 connected	21 900 944
Protective cover for mini PC-keypad	21 900 945



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