

# Free your mind



### Accurate

Proven MonoBloc weighing technology and FACT internal adjustment guarantee fast and accurate results—under all environmental conditions.



### Easy to use

Easy-to-use application programs, a brilliant backlit display and simple cleaning make these balances ideal to work with every day.



### Reliable

Rugged metal housing, durable sensor keys and overload protection guarantee strong performance in laboratories as well as in harsh industrial environments.



### Classic weighing from METTLER TOLEDO: Built for universal use.

Changes in temperature have a direct influence on the accuracy of your weighing results. Although we cannot alter physics, with FACT we can eliminate these influences automatically – and free your mind for more important tasks. With Classic Plus balances from METTLER TOLEDO weighing becomes as worry-free as can be, leaving you sure of one thing: accurate results, in any climate.

Technical Data

## Classic Plus

Readability	Model	Max. capacity	Adjustment	MonoBloc	Repeatability	Linearity	Weighing pan (mm)	
0.01 mg	<b>AB135-S/FACT</b>	31 g/120 g <sup>1)</sup>	FACT		0.03 mg/0.1 mg	0.2 mg	Ø 80	
	<b>AB265-S/FACT</b>	61 g/220 g <sup>1)</sup>	FACT		0.03 mg/0.1 mg	0.2 mg		
0.1 mg	<b>AB54-S/FACT</b>	51 g	FACT	■	0.1 mg	0.2 mg		
	<b>AB104-S/FACT</b>	110 g	FACT	■	0.1 mg	0.2 mg		
	<b>AB204-S/FACT</b>	220 g	FACT		0.1 mg	0.2 mg		
	<b>AB304-S/FACT</b>	320 g	FACT	■	0.1 mg	0.4 mg		
0.001 g	<b>PB153-S/FACT</b>	151 g	FACT	■	0.001 g	0.002 g		Ø 100
	<b>PB303-S/FACT</b>	310 g	FACT	■	0.001 g	0.002 g		
	<b>PB303-SDR/FACT</b>	60 g/310 g <sup>2)</sup>	FACT	■	0.001 g/0.008 g	0.01 g		
	<b>PB403-S/FACT</b>	410 g	FACT	■	0.001 g	0.002 g		
	<b>PB503-S/FACT</b>	510 g	FACT	■	0.001 g	0.002 g		
0.01 g	<b>PB602-S/FACT</b>	610 g	FACT	■	0.01 g	0.02 g	Ø 180	
	<b>PB1502-S/FACT</b>	1510 g	FACT	■	0.01 g	0.02 g		
	<b>PB3002-S/FACT</b>	3100 g	FACT	■	0.01 g	0.02 g		
	<b>PB3002-SDR/FACT</b>	600 g/3100 g <sup>2)</sup>	FACT	■	0.01 g/0.08 g	0.1 g		
0.1 g	<b>PB4002-S/FACT</b>	4100 g	FACT	■	0.01 g	0.02 g	180 x 180	
	<b>PB1501-S/FACT</b>	1510 g	FACT	■	0.08 g	0.1 g		
	<b>PB3001-S/FACT</b>	3100 g	FACT	■	0.08 g	0.1 g		
	<b>PB5001-S/FACT</b>	5100 g	FACT	■	0.08 g	0.1 g		
1 g	<b>PB8001-S/FACT</b>	8100 g	FACT	■	0.08 g	0.1 g		
	<b>PB8000-S/FACT</b>	8100 g	FACT	■	0.8 g	1 g		

## Classic

Readability	Model	Max. capacity	Adjustment	MonoBloc	Repeatability	Linearity	Weighing pan (mm)
0.01 mg	<b>AB265-S</b>	61g/220 g <sup>1)</sup>	Cal Int		0.03 mg/0.1 mg	0.2 mg	Ø 80
0.1 mg	<b>AB54-S</b>	51 g	Cal Int	■	0.1 mg	0.2 mg	
	<b>AB104-S</b>	110 g	Cal Int	■	0.1 mg	0.2 mg	
	<b>AB204-S</b>	220 g	Cal Int		0.1 mg	0.2 mg	
	<b>AB304-S</b>	320 g	Cal Int	■	0.1 mg	0.4 mg	
0.001 g	<b>PB153-L</b>	151 g	Cal Ext	■	0.001 g	0.002 g	Ø 100
	<b>PB303-L</b>	310 g	Cal Ext	■	0.001 g	0.002 g	
	<b>PB303-LDR</b>	60 g/310 g <sup>2)</sup>	Cal Ext	■	0.001 g/0.008 g	0.01 g	
0.01 g	<b>PB602-L</b>	610 g	Cal Ext	■	0.01 g	0.02 g	Ø 180
	<b>PB1502-L</b>	1510 g	Cal Ext	■	0.01 g	0.02 g	
	<b>PB3002-L</b>	3100 g	Cal Ext	■	0.01 g	0.02 g	
	<b>PB3002-LDR</b>	600 g/3100 g <sup>2)</sup>	Cal Ext	■	0.01 g/0.08 g	0.1 g	
0.1 g	<b>PB1501-L</b>	1510 g	Cal Ext	■	0.08 g	0.1 g	349 x 232
	<b>PB3001-L</b>	3100 g	Cal Ext	■	0.08 g	0.1 g	
	<b>PB5001-L</b>	5100 g	Cal Ext	■	0.08 g	0.1 g	
	<b>PB8001-L</b>	8100 g	Cal Ext	■	0.08 g	0.1 g	
1 g	<b>PB8000-L</b>	8100 g	Cal Ext	■	0.8 g	1 g	
0.1 g	<b>SB8001</b>	8100 g	Cal Ext	■	0.1 g	0.2 g	349 x 232
	<b>SB12001</b>	12100 g	Cal Ext	■	0.1 g	0.3 g	
	<b>SB16001</b>	16100 g	Cal Ext	■	0.1 g	0.3 g	
	<b>SB16001DR</b>	3200 g/16100 g <sup>2)</sup>	Cal Ext	■	0.1 g/0.5 g	0.3 g/0.5 g	
	<b>SB24001DR</b>	4800 g/24100 g <sup>2)</sup>	Cal Ext	■	0.1 g/0.5 g	0.3 g/0.5 g	
	<b>SB32001DR</b>	6400 g/32100 g <sup>2)</sup>	Cal Ext	■	0.1 g/0.5 g	0.3 g/0.5 g	
1 g	<b>SB8000</b>	8100 g	Cal Ext	■	0.5 g	0.5 g	
	<b>SB16000</b>	12100 g	Cal Ext	■	0.5 g	0.5 g	
	<b>SB32000</b>	32100 g	Cal Ext	■	0.5 g	0.5 g	

<sup>1)</sup> Fine range, from 0–28% of the weighing range, depending on the model.

<sup>2)</sup> Ten times higher readability over the entire weighing range at a keystroke. Depending on the model, this fine range covers up to 20% of the coarse range.

**FACT**

Fully automatic adjustment with an internal weight

**Cal Int**

Adjustment at a keystroke with an internal weight

**Cal Ext**

Adjustment with external weights



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

Subject to technical changes  
 © 05/2005 Mettler-Toledo GmbH  
 Printed in Switzerland 11795570  
 MCG MarCom Greifensee

You will find further information at  
**[www.mt.com](http://www.mt.com)**