

7 Technical data and optional equipment

7.1 Technical data of the AG balances

Power supply

Power supply with AC/AC adapter	115 V, -20%+15%, 50/60 Hz,	195mA,	Sec: 12V, 50/60Hz, 1.25A
national power cable	230 V, -20%+15%, 50/60 Hz,	90mA,	Sec: 12V, 50/60Hz, 1.25A

Fusing

Temperature switch

Power supply AG balance

9.5–17.5 V, 50/60 Hz, 7 VA or 9–20 V =, 7 W



Use only with a tested AC adapter with SELV output current.

Ensure correct polarity 

Ambient conditions for AG balances

Use AG balances only in closed rooms

Height above sea level

up to 4000 m

Temperature

5–40 °C

Atmospheric humidity

80% RH @ + 30 °C

Overvoltage categor

II

Pollution degree

2

Standard equipment

Balance complete with feedthrough for weighing below the balance, fitting for antitheft device and integrated short-form operating instructions, protective cover for keypad and display, cleaning brush, AC adapter, holder for AC adapter, power cable, operating instructions, draft shield element (AG135, AG285 only)

Technical data	AG64	AG104	AG135	AG204
Readability	0.1 mg	0.1 mg	0.1 mg/0.01 mg ¹⁾	0.1 mg
Maximum capacity	61 g	101 g	101 g/31 g ¹⁾	210 g
Taring range	0...61 g	0...101 g	0...101 g	0...210 g
Repeatability (s)	0.1 mg	0.1 mg	0.1 mg/0.02 mg ¹⁾	0.1 mg
Linearity ²⁾	±0.2 mg	±0.2 mg	±0.2 mg/±0.03 mg ¹⁾	±0.2 mg
Stabilization time (typical)	3 s	3 s	3 s/12 s ¹⁾	3 s
Adjustment	internal, fully automatic motorized initiation (FACT) and test possibility for checking the sensitivity			
• with internal weight	100 g	100 g	100 g	200 g
• with external weights	50 g	50/100 g	20/50/100 g	50/100/200 g
Sensitivity				
• Temperature drift ²⁾	±1.5 ppm/°C	±1.5 ppm/°C	±1.5 ppm/°C	±1.5 ppm/°C
• Long-term drift ³⁾	±0.003 %	±0.003 %	±0.003 %	±0.003 %
Display	backlit LCD	backlit LCD	LCD, not backlit	backlit LCD
Interface	LocalCAN universal interface			
Weighing pan	∅ 85 mm, stainless steel			
Effective height above pan	240 mm			
Dimensions (w/d/h) balance	205 x 330 x 310 mm			
Net weight/with packaging	4.9 kg/7.25 kg			

Technical data	AG204 DR [®]	AG245**	AG285
Readability	1 mg/0.1 mg ¹⁾	0.1 mg/0.01 mg ¹⁾	0.1 mg/0.01 mg/0.01 mg ¹⁾
Maximum capacity	210 g/81 g ¹⁾	210 g/41 g ¹⁾	210 g/81 g/41 g ¹⁾
Taring range	0...210 g	0...210 g	0...210 g
Repeatability (s)	0.5 mg/0.1 mg ¹⁾	0.1 mg/0.02 mg ¹⁾	0.1 mg/0.05 mg/0.02 mg ¹⁾
Linearity ²⁾	±1 mg/±0.2 mg ¹⁾	±0.2 mg/±0.03 mg ¹⁾	±0.2 mg/0.1 mg/±0.03 mg ¹⁾
Stabilization time (typical)	3 s	3 s/15 s ¹⁾	3 s/15 s ¹⁾
Adjustment	internal, fully automatic motorized initiation (FACT) and test possibility for checking the sensitivity		
• with internal weight	200 g	200 g	200 g
• with external weights	50/100/200 g	40/100/200 g	40/100/200 g
Sensitivity			
• Temperature drift ²⁾	±1.5 ppm/°C	±1.5 ppm/°C	±1.5 ppm/°C
• Long-term drift ³⁾	±0.003 %	±0.003 %	±0.003 %
Display	backlit LCD	LCD, not backlit	LCD, not backlit
Interface	LocalCAN universal interface		
Weighing pan	∅ 85 mm, stainless steel		
Effective height above pan	240 mm		
Dimensions (w/d/h) balance	205 x 330 x 310 mm		
Net weight/with packaging	4.9 kg/7.25 kg		

¹⁾ Values in the fine range (AG135, AG245, AG285) or DeltaRange (AG204 DeltaRange[®])

²⁾ In the temperature range 10 ... 30°C

³⁾ Sensitivity deviation/year after first-time startup with self-calibration FACT switched on

** Production phaseout form June 2000