

**Technical specifications
(after a warm-up time of at least 120 min.)**

Modell	AT21 Comparator	AT20	AT201	AT261 DeltaRange® 60g DeltaRange® 200g		AT200	AT400	AT460 DeltaRange® 60g DeltaRange® 400g	
Readability	1 µg	2 µg	0.01 mg	0.01 mg	0.1 mg	0.1 mg	0.1 mg	0.1 mg	1 mg
Weighing capacity	22 g	22 g	205 g	62 g	205 g	205 g	405 g	62 g	405 g
Taring range (by subtraction)	0...22 g	0...22 g	0...205 g	0...205 g	0...205 g	0...205 g	0...405 g	0...405 g	0...405 g
Repeatability (s) full load	2 µg	4 µg	0.04 mg	0.04 mg	0.05 mg	0.07 mg	0.15 mg	0.15 mg	0.3 mg
Repeatability (s) 0...50 g			0.015 mg	0.015 mg		0.04 mg	0.05 mg	0.05 mg	
Linearity	± 6 µg	± 10 µg	± 0.12 mg	± 0.08 mg	± 0.15 mg	± 0.15 mg	± 0.5 mg	± 0.5 mg	± 1.4 mg
Linearity within 500 mg ¹⁾	± 4 µg	± 6 µg		± 0.03 mg					
Linearity within 10 g ¹⁾			± 0.03 mg	± 0.03 mg					
Stabilization (typical)	14...18 s	10...14 s	10...14 s	8...12 s	3...5 s	3...5 s	4...6 s	4...6 s	3...5 s
Built-in adjustment weights	2x10 g	2x10 g	2x100 g	2x100 g		2x100 g	2x100 g	2x100 g	
Adjustment proFACT	Fully automatic motorized self-adjustment with two built-in weights. The accuracy of the adjustment depends on the geographic location and the height above sea level.								
Adjustment with external weight:	20 g	20 g	200 g	200 g		200 g	400 g	400 g	
Display with DeltaTrac®	LCD (liquid crystal)					VFD (Vakuumfluoreszenz)			
Display sequence	0.2...0.4 s variable								
Sensitivity: - Temperature drift ^{1) 2)} - Long-term stability ³⁾	±1.5 ppm/°C with self-adjustment proFACT: ±1.5 ppm								
Linearization	Automatic self-linearization of the weighing curve (simultaneously with motorized adjustment proFACT)								
Data interface	CL and RS232C, bidirectional, built in as standard, all lines galvanically separated.								
Glass draft shield	No hindering guideways; automatic motorized opening or at a keystroke.								
Inner draft shield	Standard		Accessory						
Equipment designed test conditions Power supply (national codes)	P: 115 V or 230 V, admissible voltage fluctuation: -20% +15%, frequency 50/60 Hz, max. power consumption 15.5 W. S: 12.8 V=, 6.5 V=, 10.8 V=, 16.7 V= Pollution degree 2. Overvoltage category II. Temperature: 5...40 °C. max. relative atmospheric humidity: 80% for temperatures up to max. 31 °C linearly decreasing to 50% at 40 °C. Height: 6000 m. Use only indoors in closed rooms.								
Weighing pan with feedthrough for below-the-balance weighing	ø 28 mm suspended	ø 32 mm	80x80 mm; stainless steel						
Measures Weight	Free height above weighing pan 239 mm, Balance housing 241x433x289 mm (W x L x H), power supply 115x140x53 mm (W x L x H) Balance 9.3 kg, AC adapter 1.2 kg								

¹⁾: In the temperature range 10...30 °C ²⁾: 1 ppm = 1/1'000'000 (relative to the current weight display) ³⁾: Sensitivity deviation / year with self-adjustment proFACT switched on