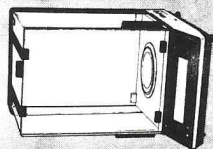


Specifications



Model	AC 210 S	AC 210 P	AC 120 S
Weighing range structure	SuperRange	PolyRange	SuperRange
Capacity/weighing range levels	210	60/120/210	120
Readability	0.0001	0.0001/0.0002/0.0005	0.0001
Tare range (by subtraction)	-210	-210	-120
Reproducibility (standard deviation)	$\leq \pm 0.0001$	$\leq \pm 0.0001/0.0002/0.0005$	$\leq \pm 0.0001$
Linearity	$\leq \pm 0.0002$	$\leq \pm 0.0002/0.0004/0.0005$	$\leq \pm 0.0002$
Response time (typical)	≤ 2.5	≤ 2.5	≤ 2.5
Shortest response time in the IQ-mode	≤ 1.5	≤ 1.5	≤ 1.5
Adaptation to ambient conditions and application requirements	by selection of 1 of 4 optimized filter levels	by selection of 1 of 4 optimized filter levels	by selection of 1 of 4 optimized filter levels
Display update (depends on the filter level selected)	0.1 - 0.4 (selectable)	0.1 - 0.4 (selectable)	0.1 - 0.4 (selectable)
Sensitivity drift within +10...+30°C	$\leq \pm 2 \cdot 10^{-6}$	$\leq \pm 2 \cdot 10^{-6}$	$\leq \pm 2 \cdot 10^{-6}$
Ambient temperature range	+10...+30 (50 °F... 86 °F)	+10...+30 (50 °F... 86 °F)	+10...+30 (50 °F... 86 °F)
Moisture-proof rating acc. to DIN 40 040	Class F ₁ non-condensing	Class F ₁ non-condensing	Class F ₁ non-condensing
Pan size	90 mm Ø / 3.5" Ø	90 mm Ø / 3.5" Ø	90 mm Ø / 3.5" Ø
Weighing chamber (WxDxH)	200x180x260 / 8x7x10.2	200x180x260 / 8x7x10.2	200x180x260 / 8x7x10.2
Clearance above the weighing pan	254 / 10	254 / 10	254 / 10
Net weight, approx.	7.5 / 16.5	7.5 / 16.5	7.5 / 16.5
AC power source/power requirements	AC adapter, 230 or 115, +15%...-20%	AC adapter, 230 or 115, +15%...-20%	AC adapter, 230 or 115, +15%...-20%
Frequency	48-60	48-60	48-60
Power consumption	max.: 16; average: 8	max.: 16; average: 8	max.: 16; average: 8
Selectable weight units	g, kg, ct, lb, oz, t, t, t, t, t, gr, dwt and mg	g, kg, ct, lb, oz, t, t, t, t, t, gr, dwt and mg	g, kg, ct, lb, oz, t, t, t, t, t, gr, dwt and mg
Application programs	mass unit conversion, tare memory, net total, weighing in percent, over/under checkweighing (classification and filling), counting	mass unit conversion, tare memory, net total, weighing in percent, over/under checkweighing (classification and filling), counting	mass unit conversion, tare memory, net total, weighing in percent, over/under checkweighing (classification and filling), counting
Automatic zero tracking function (can be turned off by menu code)	standard feature	standard feature	standard feature
Built-in interface	RS 232 C-S/V24-V28, RS 423A/V10; 7-bit; parity: even, mark, odd, space; transmission rates: 150...19,200 baud, 1 or 2 stop bits, software/hardware handshake	RS 232 C-S/V24-V28, RS 423A/V10; 7-bit; parity: even, mark, odd, space; transmission rates: 150...19,200 baud, 1 or 2 stop bits, software/hardware handshake	RS 232 C-S/V24-V28, RS 423A/V10; 7-bit; parity: even, mark, odd, space; transmission rates: 150...19,200 baud, 1 or 2 stop bits, software/hardware handshake
Standard features/equipment supplied			
Dust cover	x	x	x
Analytical draft shield chamber	x	x	x
AC adapter	x	x	x
Hanger for below-balance weighing	x	x	x
Built-in automatic calibration	x	x	x

AC models with integrated applications computer (IAC)

for application programs:

Formulation; statistics; averaging; real-time clock and timer function for timed measurements/weighing; calculation of weights; totaling of weights; ID no. memory

AC 210 S-00AC

AC 210 P-00AC

AC 120 S-00AC