

Specifications

	AD-4212C-301	AD-4212C-300	AD-4212C-600	AD-4212C-3100	AD-4212C-3000	AD-4212C-6000
Weighing capacity	51 g / 320 g ^v	320 g	620 g	510 g / 3200 g ^v	3200 g	6200 g
Minimum weighing value (d)	0.0001 g / 0.001 g	0.001 g	0.001 g	0.001 g / 0.01 g	0.01 g	0.01 g
Repeatability (Standard Deviation)	0.0002 g / 0.001 g	0.001 g	0.001 g	0.002 g / 0.01 g	0.01 g	0.01 g
Linearity	±0.002 g	±0.002 g	±0.005 g	±0.02 g	±0.02 g	±0.04 g
Stabilization time (when set to FAST under a good environment)	d = 0.0001 g : 1.3 sec. ^{vi} d = 0.001 g : 1.0 sec.	0 – 30 g : 0.5 sec. 30 – 320 g : 1.0 sec.	0 – 30 g : 0.5 sec. 30 – 620 g : 1.0 sec.	d = 0.001 g : 1.3 sec. ^{vi} d = 0.01 g : 1.0 sec.	0 – 300 g : 0.5 sec. 300 – 3200 g : 1.0 sec.	0 – 300 g : 0.5 sec. 300 – 6200 g : 1.0 sec.
Display refresh rate	10 ^{vii} - 50 times/second					
I/O unit (RS-232C)	Bi-directional, 2400 ^{vii} - 19200 bps					
Sensitivity drift	±2 ppm/°C (10 °C to 30 °C / 50 °F to 86 °F)					
Operating environment	5 °C to 40 °C (41 °F to 104 °F), 85%RH or less (no condensation)					
Calibration mass provided	200 g (equivalent to OIML Class E2)					
Applicable calibration mass value	50 g, 100 g 200 g ^{vii} , 300 g	50 g, 100 g 200 g ^{vii} , 300 g	50 g, 100 g 200 g ^{vii} , 300 g 400 g, 500 g 600 g	50 g, 100 g 200 g ^{vii} , 300 g 400 g, 500 g 1000 g, 2000 g 3000 g	50 g, 100 g 200 g ^{vii} , 300 g 400 g, 500 g 1000 g, 2000 g 3000 g	200 g ^{vii} , 500 g 1000 g, 2000 g 3000 g, 4000 g 5000 g, 6000 g
Weighing unit	Dimensions					
	59(W) X 231(D) X 91(H) mm					
	Weighing pan					
	50 X 50 mm					
	Net weight					
	Approx. 1.6 kg					
Connection cable	Approx. 10 m					
Power supply	AC adapter					
Power consumption	Approx. 11VA (supplied to the AC adapter)					

*v Smart range function: The display will switch to the standard range automatically when the value exceeds 51 g/510 g but return to the precision range by performing RE-ZERO (tare).

*vi When the precision range is used

*vii Factory setting

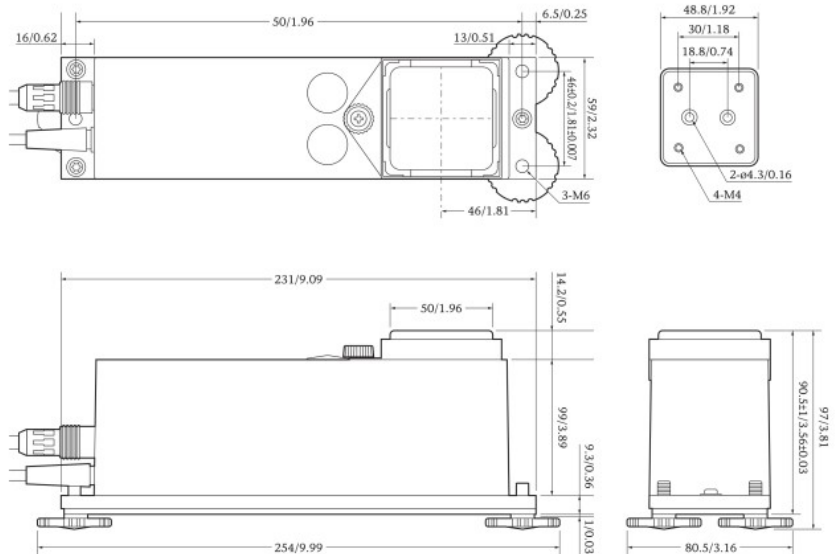
Accessories

AD-1683	Static eliminator
AD-1684	Electrostatic fieldmeter
AD-1689	Tweezers for calibration mass
AD-8121B	Compact printer
AD-8922A	Remote controller
AD-8922A-01	BCD output interface ^{viii}
AD-8923-BCD	Remote controller (BCD)
AD-8923-CC	Remote controller (CC-Link)
AD-8526	Serial/Ethernet converter
AX-USB-9P	Serial/USB converter
AX-K03590-1000	RS-232C output cable (10 m) ^{ix}
AX-K03590-500	RS-232C output cable (5 m) ^{ix}
AX-K03590-200	RS-232C output cable (2 m) ^{ix}

*viii Exclusively for the AD-8922A

*ix Exclusively for the AD-4212C

Dimensions (mm/inches)



Materials

Weighing pan = SUS316
Breeze break = SUS304
Upper case = Zinc die-cast (acrylic coating on epoxy basecoating)



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