

AD4212C Weighing Unit Exterior Materials and Resistance

	Components	Material	Surface Treatment	Resistance to Hydrofluoric Acid	Resistance to Hydrogen Peroxide (34% concentration)
1	Upper and lower cases	Zinc die-cast ZDC2	Coating: Epoxy primer + Acrylic topcoat	Good at less than 20% solution	Good (after 100 hours)
2	Gasket between upper and lower cases	Chloroprene rubber (CR)		Good	Good
3	Foot	Resin part	Olefin-based thermoplastic elastomer	Good	Good
		Screw part	SUS304		Good
4	Diaphragm for weighing axis part			Good	Good
5	Corner adjustment hole cap			Good	Good
6	AC adapter jack			Good	Good
7	RS-232C output connector			Good	Good
8	Communication cable (between weighing unit and display unit)	Cable part	Flexible PVC	Fair (Good at 10% solution)	Good
		Connector part	PPS/PBT	Excellent	Good
		Gasket	Chloroprene rubber	Good	Good
9	Power supply (AC adapter cable)	Cable part	Flexible PVC	Fair	Good
		Connector part	Flexible PVC	Fair	Good
10	Weighing pan	Weighing pan	SUS316		Good
		Pan support	Zinc die-cast ZDC2	Nickel plating	Good
11	Vent plug	Silicone rubber		Good	Good
12	Breeze break fixing screw	Resin part	ABS		Excellent
		Screw part	Iron	Trivalent chromium treatment	Good
13	Other screws	SUS304			Good