

AD4212F 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		Aluminum die-cast ADC12	Coating: Epoxy primer + Acrylic topcoat	Good at less than 20% solution	Good (after 100 hours)
2	Gasket between upper and lower cases		Silicone rubber		Good	Good
3	Rear panel		SUS304			Good
4	Diaphragm for weighing axis part		Silicone rubber		Good	Good
5	Corner adjustment hole cap		Silicone rubber		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	Aluminum die-cast ADC12	Nickel plating		Good
11	Vent hole	Nylon mesh	Nylon		Fair	Good
		Vent plug	Silicone rubber		Good	Good
12	Breeze break fixing screw	Resin part	ABS		Excellent	Good
		Screw part	Iron	Trivalent chromium treatment		Good
13	Other screws		SUS304			Good