






Comparison Chart	 SID-220W	 MDS-300	 MDS-3000	 MD-300S	 EW-300SG
Functions					
Density minimum resolution	0,0001	0,001 (0,0001)	0,01 (0,001)	0,001	0,01
Volume display	0,0001	0,001	0,01	0,001	0,01
Capacity	0,0001 – 220 g	0,001 (0,0001) – 300 g	0,01 (0,001) – 3000 g	0,01 – 300 g	0,01 – 300 g
Measurable density	0,0001 ~	0,001 ~	0,01 ~	0,001 ~	0,01 ~
Sample maximum size	45 x 20 x 15 mm	100 x 70 x 25 mm	120 x 100 x 35 mm	100 x 70 x 25 mm	100 x 70 x 25 mm
Liquid amount *1	50 cc	50 cc	50 cc	50 cc	-
Measuring method	Hydrostatic method				
Relating standard	JIS K6268A, JIS K6350 (rubber), JIS K7112 (plastic), USA ASTM D297-93-16 (rubber), D797-00 (plastic)				
Power supply	AC100-240V 50/60Hz				
Weight / Dimensions	7 kg / 260 x 360 x 325 mm	2,8 kg / 190 x 260 x 200 mm	4,2 kg / 240 x 260 x 240 mm	1,6 kg / 190 x 218 x 170 mm	1,6 kg / 190 x 218 x 170 mm
Samples					
Solid	○	○	○	○	○
Floating	○	○	○	○	○
Absorbent	○	○	○	○	○
Pallet	○	○	○	○	○
Liquid	○	○	○	○	-
Powder(Large particle)	○	△	△	-	-
Solid density mode					
Density variation	○	○	○	○	○
Volume variation	○	○	○	○	x
Comparator mode	○	○	○	○	○
Compensator of water temperature	Density, Specific gravity	Density	Density	Density	Density
Other medium adaptable	○	○	○	○	○
Auto-weighing function	○	△	△	-	-
Measuring time	Selectable	Selectable	Selectable	Selectable	10sec.
Liquid density mode					
Room temperature mode	○	○	○	○	-
Compensator temperature mode	○	○	○	-	-
Repeat measurement	○	○	○	-	-
Measuring time	Selectable	Selectable	Selectable	20sec.	-

○ --- Available △ --- Limited - --- None

*1 Necessary liquid amount at Liquid density measurement

Option (For all models)

Documents



* ISO calibration certificate
(Calibration certificate, Inspection result,
Traceability system flow chart)

* Test report



Printer AD-8127



Printer BL2-58
(Except for SID-220W)



PC connection serial
converter