Palm Abbe™
Digital Refractometer



Image: PA202 shown with optional rubber armor jacket.

AQUAR-H5O SEAWATER REFRACTOMETER

The Palm Abbe AQUAR Digital Seawater Refractometer is a professional refractometer for testing seawater, salt water, and brackish ocean water for oceanography, aquaculture, aquariums, desalination plants, and ocean research. The model AQUAR-H5O measures seawater salinity in Practical Salinity Units (PSU), Sigma-t Density, Specific Gravity, Conductivity, and Chlorinity.

Model: PA203X Part No.: 058-173-175-178-180

Scale #	Unit of Measure	Range	Resolution	Precision (+/-)
058	Specific Gravity (D20/20)	1.0000 to 1.1180	0.0001	0.0005
173	Practical Salinity Units (PSU)	0 to 155	1	1
175	Density Sigma/t @ 20°C	-2 to 116	0.1	0.5
178	Conductivity @ 20 °C (mS/cm)	0 to 100	0.1	0.5
180	Chlorinity (ppt)	0 to 85.5	0.1	0.5



Shown with optional rubber armor jacket.

	MISCO Palm Abbe	Competitor
Prism Material	SAPPHIRE (Comparable to Diamond)	GLASS
Detector Array Elements	1,024 Elements	128 Elements
Detector Resolution	3,256 ppi	400 ppi
Stainless Steel Well	☑	☒
Number of Scales	Up to Five	One
Display	24 Alphanumeric Characters x2 Lines	Four Digits
Display Backlight	☑	☒
Evaporation Cover	☑	☒
Optional Rubber Armor	☑	☒
Made In	U.S.A	Asia

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