

PORTABLE REFRACTOMETERS

A refractometer is an instrument that measures the concentration of an aqueous solution by measuring its refractive index. All water based solution can make light bend. The bending of light increases at a rate proportional to the increasing solution concentration.

The portable refractometer is a precise optical instrument. It's characterized by small volume, light, graceful in shape and easy to operate. Therefore it can be used from all sides.

Remark: Since our products are improved gradually, the models on our catalogue are only for reference. please confirm the model and specification with us before placing order to us.

SERIES

STYLE	MODEL FG-			MEASURING RANGE	RESOLUTION	SIZE mm	
	ORD	ATC	PEN			ORD Ø29 x L	ATC Ø19 x L
Brix	101	111	121	0-10%	0.1%	160	157
	102	112	122	0-20%	0.1%	160	157
	103	113	123	0-32%	0.2%	160	146
	104	114	124	28-62%	0.2%	148	132
	105	115	125	40-82%	0.5%	148	132
	106	116	126	58-92%Brix, 38-43 °Be' 17-27%water	0.5% Brix, 0.5°Be' 0.5%water	148	140
	107	117	127	0-50%	0.5%	148	132
Salinity	201	211	221	0-100‰	1‰	160	157
	202	212	222	0-28%	0.2%	160	146
Brix/Salinity	203	213	223	0-10% Brix 0-100‰ Salinity	0.1% 1‰	160	157
	204	214	224	0-32% Brix 0-28% Salinity	0.2% 0.2%	160	146
Protein	301	311	321	0-12g/dl 1,000-1,040sg	0.2g/dl 0.002sg	160	146
	302	312	322	0-12g/dl 1,000-1,050sg 1,3330-1,3600RI	0.2g/dl 0.002sg 0.0005RI	160	146
Battery/ Coolants/ Cleaner	401	411	421	1.15-1.30sg 32°F ~ -60°F	0.01sg 10°F	148	132
	402	412	422	1.15-1.30sg 0°C ~ -50°C	0.01sg 5°C	148	132
	403	413	423	1.15-1.30sg 0°C ~ -50°C 0°C ~ -40°C	0.01sg 5°C 5°C	148	132
	404	414	424	1.10-1.40kg/l 0°C ~ -50°C 0°C ~ -40°C	0.01kg/l 5°C 10°C	148	132
Wine	501	511	521	0-80% W/W	1%	160	157
	502	512	522	0-25% VOL	0.2% VOL	148	132
	503	513	523	0-25% VOL 0-40% Brix	0.2% VOL 0.2% Brix	148	132
	504	514	524	0-25% VOL 0-20 °Be'	0.2% VOL 0.2 °Be'	148	132