

Visual Hand Held

Refractometers

- ✓ Rugged, durable construction – made from corrosion resistant brass
- ✓ High contrast demarcation line for easy, accurate readings
- ✓ Easily adjusted zero line by means of a readily accessible screw
- ✓ Over 30 models available
- ✓ Low and affordably priced



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INSTRUMENTS LTD

Our extensive selection of economic refractometers are used in many industries to make quick and easy measurements. All models are manufactured from corrosion resistant sateen brass and have rubber-insulated grips, a zero adjusting screw for calibration and eyepiece focusing.

These simple, reliable hand refractometers are suitable for fruit juices, jam, honey, soft drinks, ripeness of fruit, sugar content of beet and cane juices, sauces, soluble oils, detergents, anti-freeze and numerous other products. Models with automatic temperature compensation (ATC) are ideal for varying temperature conditions during a production process.

Visual Hand Held Refractometers



STYLE	MODEL	MEASURING RANGE	RESOLUTION	SIZE (mm)
Brix	REF-101	0 to 10% Brix	0.1% Brix	27 x 40 x 210
	REF-102	0 to 18% Brix	0.1% Brix	27 x 40 x 190
	REF-103	0 to 32% Brix	0.2% Brix	27 x 40 x 160
	REF-104	28 to 62% Brix	0.2% Brix	27 x 40 x 148
	REF-105	45 to 82% Brix	0.5% Brix	27 x 40 x 140
	REF-106	58 to 90% Brix 38 to 43 Baume 17 to 27% Water in Honey	0.5% Brix 0.5% Baume 1% Water	27 x 40 x 160
	REF-107	0 to 90% (3 ranges) Brix	0.2% Brix	27 x 40 x 200
	REF-108	0 to 80% Brix	0.5% Brix	27 x 40 x 140
Brix / ATC	REF-111	0 to 10% Brix	0.1% Brix	29 x 40 x 210
	REF-113	0 to 32% Brix	0.2% Brix	29 x 40 x 160
	REF-114	28 to 62% Brix	0.2% Brix	29 x 40 x 148
	REF-116	58 to 90% Brix 38 to 43 Baume 17 to 27% Water in Honey	0.5% Brix 0.5% Baume 1% Water	29 x 40 x 160
Salinity	REF-201	0 to 100ppm (parts per million)	0.1ppm	27 x 40 x 190
	REF-202	0 to 28% NaCl	0.2% NaCl	27 x 40 x 160
Salinity / ATC	REF-211	0 to 100ppm (parts per million)	0.1ppm	29 x 40 x 190
	REF-212	0 to 28% NaCl	0.2% NaCl	29 x 40 x 160
Protein Urine	REF-301	0 to 12g/dl 1.000-1.040 SG	0.2g/dl 0.002 SG	27 x 40 x 160
	REF-302	0 to 12g/dl 1.000-1.050 SG 1.3330-1.3600 RI	0.2g/dl 0.002 SG 0.00025 or 0.0005 RI	27 x 40 x 160
Protein Urine / ATC	REF-312	0 to 12g/dl 1.000-1.050 SG 1.3330-1.3600 RI	0.2g/dl 0.002 SG 0.00025 or 0.0005 RI	27 x 40 x 160
Salinity, Coolants Antifreeze & Cleaner	REF-401	-60 to 30°F 1.15 to 1.30 SG	10°F 0.01 SG	27 x 40 x 160
	REF-402	-50°C to 0°C 1.15 to 1.30 SG	10°C 0.01 SG	27 x 40 x 160
	REF-403	-50°C to 0°C -40°C to 0°C 1.15 to 1.30 SG	10°C 5°C 0.01 SG	27 x 40 x 160
Alcohol	REF-501	0 to 80% W/W	1%W/W	27 x 40 x 160
	REF-502	0 to 25% Vol.	0.2% Vol.	29 x 40 x 160
	REF-503	0 to 25% Vol. 0 to 40% Brix	0.2% Vol. 0.2% Brix	29 x 40 x 160
	REF-504	0 to 25% Vol. 0 to 20 Baume	0.2% Vol. 0.2 Baume	29 x 40 x 160
Alcohol / ATC	REF-512	0 to 25% Vol.	0.2% Vol	35 x 40 x 160
	REF-513	0 to 25% Vol. 0 to 40% Brix	0.2% Vol. 0.2% Brix	29 x 40 x 160
	REF-514	0 to 25% Vol. 0 to 20 Baume	0.2% Vol. 0.2 Baume	29 x 40 x 160
Gemological	REF-601	1.30 to 1.81 RI	0.01 RI	35 x 70 x 130
Wine	REF-701	0 to 140° Oe 0 to 25 KMW (Babo) 0 to 32% Brix	1°Oe 0.2 KMW 0.2% Brix	27 x 40 x 160
	REF-702	0 to 170° Oe	2°Oe	27 x 40 x 160
	REF-703	30 to 140° Oe 0 to 32% Brix	1°Oe 0.2% Brix	27 x 40 x 160
Wine ATC	REF-711	0 to 140° Oe 0 to 32% Brix	1°Oe 0.2% Brix	27 x 40 x 160
	REF-712	0 to 190° Oe 0 to 38 KMW (Babo) 0 to 44% Brix	2°Oe 0.5 KMW 0.5% Brix	27 x 40 x 160
	REF-713	30 to 140° Oe 0 to 25 KMW (Babo)	1°Oe 0.2 KMW	27 x 40 x 160



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