



## LABORATORY DIGITAL REFRACTOMETERS

Measure brix, salinity, refractive index and clinical parameters with full scale accuracy of 0.1% using CCD scanner (= linear scanned array imaging) technology . Simple to use. **All models calibrate to distilled water** and require a sample of only 0.4 ml. Instantly displays temperature in addition to multiple scales with the unit of measure indicated on the large LCD. The sophisticated microprocessor provides automatic calibration, automatic temperature compensation, automatic shutoff (after 3 minutes), and visual **hi/lo alarms**. Low power consumption enables **5000** readings, before the LCD indicates that the battery should be replaced. The water resistant design protects the electronics from wet environments and makes for easy clean ups. Comes ready to use with a 9V battery, distilled water, a transfer-pipet, instructions and a protective case.

Weight: 18 oz (500 g). Dim: 7" x 4" x 2½" (180 x 100 x 65 mm).

MODEL	Unit of Measure	Range	Res.	Accuracy
300033	Brix	45~95%	0.1%	±0.1%
	Refractive Index	1.4098 ~ 1.5318	0.0001	±0.0002
300034	Brix	0~95%	0.1	±0.1
	Refractive Index	1.330~1.5318	0.0001	±0.0002
300035	Brix	0~60%	0.1%	±0.1%
	Salinity %	0 ~ 28%	0.1%	±0.1%
	Salinity ppm	0-280	1	±1
	Refractive Index	1.330~1.4419	0.0001	±0.0002
300036	Urine Specific Gravity	1.000 ~ 1.090	0.001	±0.0002
	Serum Protein	0~12	0.1	±0.1
	Refractive Index	1.330~1.4098	0.0001	±0.0002
All Models	Temperature °C	0 ~ 40°	0.1	1°
	Temperature °F	32 ~ 104°	0.1	2°

