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PDX-CL Urine Specific Gravity Digital Refractometer

"Accuracy of ±0.0003 for Urine Specific Gravity delivers the highest precision available from a portable refractometer."

Features

- Top-Level Features In A Palmtop Design
- Large, Easy-To-Read, Digital LCD Display
- Highly Accurate Specific Gravity Readings For Urine
- Refractive Index & Refraction Scales
- Custom High & Low Limit Measurement Alarms
- Low Power Consumption Provides 5000+ Readings Per Battery
- Water-Resistant Lexan® Overlay
- High-Polish, Stainless Steel Sample Well For Simple Cleanup







PDX-CL Urine Specific Gravity Digital Refractometer

The PDX-CL from VEE GEE delivers digital accuracy and high-end features for precise measurements of urine specific gravity. With 4-decimal resolution and accuracy of ± 0.0003 , the PDX-CL delivers performance never before available in a portable instrument.

The great advantage of the automatic PDX-CL digital refractometer is the natural consistency it affords. Measurement values are not dependent on how each operator reads an optical scale; a fuzzy shadowline can be interpreted in many different ways. Other digital refractometers on the market offer only 3-decimal resolution or scrolling LCD readouts which can greatly contribute to errors, reporting, and the accuracy levels of screening.

Compared to optical refractometers, the level of training, which is required to use the PDX-CL is exceptionally minimal. Optical instruments require some basic skills and experience before operators are comfortable using them. With the PDX-CL, after a sample is applied to the prism, one needs only to press a button and read the measurement from the digital display...that's it. This ensures that whether its being used for clinical urinalysis, drug screening or the dehydration level of athletes, the PDX-CL will provide consistent, accurate results.

To further ensure accurate screening the PDX-CL can be easily programmed with high and low limits to a range as small as 0.0001 for urine specific gravity. If a measurement falls outside of the target range, the red LED alarm and LCD will flash to quickly alert the operator.

With accuracy of ± 0.0003 USG, scales for R.I. and Refraction, automatic temperature compensation, a linear high-resolution CCD sensor, and low power consumption, the PDX-CL is an instrument, which will serve its clinical customers with unparalleled fidelity.

Go with a name you can trust for the highest level in clinical instruments...choose VEE GEE.

Technical Specifications

Urine Spec. Grav. 1.0000-1.0500 Measuring Range Refractive Index Refraction 1.3330-1.4098 nD Wine Spec. Grav. 0.320 Wine Spec. Grav. 0.0001 Refractive Index 0.0001 nD Refractive Index 0.0001 nD Refractive Index ±0.0003 Accuracy Refractive Index Refraction ±1 Hi-Low Limit Resolution 0.0001 U.S.G. / 0.0001 nD / 1 Optical Wavelength 589.3nm Measuring Light Source LED Sensor Linear Hi-Res CCD Prism Optical Glass Stage High-Polish Stainless Steel Temperature Compensation +5 to +35°C Measuring Time 1.0 Seconds Sample Quantity >0.1mL Zero Calibration Liquid Distilled Water Custom Calibration Liquid Lican® Nover Requirements 9V Battery (1) Auto-Off Mode >3.0 Minutes Non-Use Sattery Life 5000+ Readings Dimensions 170 (L) x 95 (W) x 45 (H) mm			PDX-CL
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Veight 425g Supplied With Storage Case (1 ea.), Carry Case (1 ea.), Prism Cover (2 ea.),	Dimensions		
Supplied With Storage Case (1 ea.), Carry Case (1 ea.), Prism Cover (2 ea.),	Weight		
	Supplied With		Storage Case (1 ea.), Carry Case (1 ea.), Prism Cover (2 ea.).
			Plastic Transfer Pipet (1 ea.), 9V Battery (1 ea.), Instruction Manual (1 ea.)

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"With a digital display... measurement values are not dependent on how each operator reads an optical scale ... a fuzzy shadowline can be interpreted many different ways."



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