

Xplorer 3500 Nuclear Moisture Density Gauge

Designed for simplicity and reliability, InstroTek's Model 3500 Xplorer nuclear moisture density gauge combines easy to read and navigate menu options and software features with the ruggedness and accuracy of a superior performance nuclear gauge. Additionally, a backlit LCD screen provides exceptional visibility in both daytime and nighttime conditions, while Battery Saver and IntelliCharge features maximize battery life.



Features

- Non-contact auto-depth indicator
- Advanced user friendly software features, including: Self Test, Special Calibration, Asphalt Thinlayer Mode and Diagnostics Tests
- Exceptional Backscatter Composition and Surface Error for superior results on asphalt pavements
- Battery Saver and IntelliCharge features



Specifications

Standards	ASTM D6938, D7759, D7013, D2950 and AASHTO T310	Operating Temperature (Ambient)	-14° to 158°F (-10° to 70°C)
Density Measurement Range	1120 to 2720 Kg/m ³ (70 to 170 lb/ft ³)	Surface Temperature	Up to 338°F (170°C)
Moisture Measurement Range	0 to 640 Kg/m ³ (0 to 40 lb/ft ³)	Backlit Display	Yes
Density Source	Cesium 137	Internal Temp Monitoring	Yes
Moisture Source	Americium 241: Beryllium	Auto-Depth Indicator	Yes
Density Source Activity	370 Mbq (10 mCi)	Shielding Materials	Lead, Tungsten and Cadmium
Moisture Source Activity	1.48 GBq (40 mCi)	Top Shell	UV Stabilized Plastic
Backscatter Precision at 2000 Kg/m³ (125 lb/ft³)	7.8 Kg/m ³ (0.49 lb/ft ³)	Base and Tower	Aluminum
Direct Transmission Precision at 2000 Kg/m³ (125 lb/ft³)	3.5 Kg/m ³ (0.22 lb/ft ³)	Source Rod and Handle	Stainless Steel
Moisture Precision at 240 Kg/m³ (15 lb/ft³)	4.42 Kg/m ³ (0.28 lb/ft ³)	Index Rod	Stainless Steel
Composition Error Backscatter	22.4 Kg/m ³ (1.4 lb/ft ³)	Gauge Size	23" H X 14.5" L X 8.75" W (58.4 x 30.8 x 22.2cm)
Composition Error Direct Transmission	22.4 Kg/m ³ (1.4 lb/ft ³)	Weight	31 lbs (14 kg)
Surface Error Backscatter	48 Kg/m ³ (3 lb/ft ³)	Shipping Weight	94 lbs (42 kg)
Surface Error 150 mm (6") depth	16 Kg/m ³ (1 lb/ft ³)		



ATLANTIC SUPPLY

QUALITY DRILLING SUPPLIES AND MATERIALS TESTING EQUIPMENT
www.ScalesForBusiness.com
www.AtlanticSupply.com

Largo, FL 800-752-9416
 Riviera Beach, FL 800-535-7384
 Orlando, FL 800-569-8950
 Jacksonville, FL 888-260-5584
 Montgomery, AL 866-917-3447