PRODUCT SPECIFICATION SHEET

ADMT ZN SERIES

All-Channel Speedy Groundwater Detector

INSPECTRON
"Vision beyond your reach"





Locates groundwater and estimates its depth using the magnetotelluric method, measuring natural electromagnetic fields on all channels at once. A handheld 7-inch Android touch screen shows the results as images in real time.

10 s
Per measurement

Up to 1200 m
Models from 180 m

7-inch
Android 13 touch screen

2 years
Warranty, lifetime support

Fast measurement
One measurement takes 10 seconds; a full set takes about 2 minutes.

Expandable channels
Add cascade cables to go from one channel to 12, 24, 36 or 48.

Smart cables
High-density cascade cables with built-in chips automate measurement.

Automatic imaging
Real-time curve and contour mapping with custom depth focusing.

AI interpretation
Free 24/7 online AI analysis of geological images.

Multi-use electrode
Hammer and electrode assemble into a handled electrode.



Console, hammer, electrodes and cable in a carry case.



Optional cascade cables upgrade the unit to 12, 24, 36 or 48 channels.

CHANNEL UPGRADE
Cascade cable 1 (optional) upgrades the unit to 12 channels. Adding cable 2 expands it to 24, 36 or 48 channels.

TECHNICAL PARAMETERS

Version	ADMT-180ZN	ADMT-300ZN	ADMT-600ZN	ADMT-900ZN	ADMT-1200ZN
Max depth (m)	≤180	≤300	≤600	≤900	≤1200
Scan interval (m)	5 / 10	10	10	10	10 / 15
Channels	One console; cascade cables extend to 12, 24, 36 or 48 channels				
Measurement mode	MN / TT				
Frequency range	1–6500 Hz				
Filtering	FFT Smart				
Resolution	0.01 mV ±2%				
Acquisition time	10 s				
Connection	Circular connector, Wi-Fi 5, Bluetooth 4.2				
Display	7-inch IPS high-brightness touch screen, auto-rotate, 800 × 1280				
System	Android 13 · RK3568 CPU · Mali G52 GPU				
Memory	4 GB RAM · 32 GB storage				
Also built in	Camera with fill flash, GNSS, wireless screen casting				
Battery	6000 mAh; up to 10 hours standby				
Size, weight	23.8 × 19.3 × 5.6 cm, 1.05 kg				

APPLICATIONS
Locating groundwater, its depth and likely yield, to guide drilling and support hydrogeological surveys.

BUILT FOR THE FIELD
Lightweight, waterproof, dust-proof and drop-proof. Charges from a standard phone charger or power bank.

INCLUDED SUPPORT
Two-year warranty. Lifetime after-sales service and expert support. Free upgrades and free 24/7 AI analysis. 6-month trade-up guarantee.

INSPECTRON

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Certification: CE, ISO, China National High-tech Enterprise, China National Technical Invention Patent. Specifications as published by the manufacturer. Design, packaging and accessories may change; confirm current details with us before ordering.