TOTAL STATION AZA1028

The AZA1028 Total Station is a high-performance, all-in-one surveying instrument that integrates an electronic theodolite, electronic distance measurement (EDM), and advanced data processing into a single, robust platform. Designed for accuracy, efficiency, and durability, it is an essential tool for civil engineers, surveyors, construction professionals, and GIS specialists.

High-Precision Measurement Capabilities

Equipped with a powerful EDM system, the AZA1028 delivers millimeter-level distance accuracy along with high-resolution angular measurements.

Measurement Functions

- Horizontal and vertical angle measurement
- Prism-based long-distance measurement
- Reflectorless measurement for inaccessible points
- Real-time 3D coordinate calculation (X, Y, Z)
- Stake-out and layout functions
- Remote elevation and missing-line measurement

These capabilities significantly reduce field time and eliminate manual calculation errors.

AZA LAB UNIVERSE

TECHNICAL SPECIFICATIONS

Feature	Specification
Model	AZA1028
Distance Accuracy (Prism)	±(2 mm + 2 ppm)
Distance Accuracy (No Prism)	±(3 mm + 2 ppm)
Angle Accuracy	2″ – 5″
Telescope Magnification	30×
Display	Dual-face touchscreen / LCD
Data Storage	10,000 – 50,000 points
Connectivity	USB, SD, Bluetooth, RS-232
Battery	Li-ion rechargeable
Operating Time	8 – 16 hours
Protection Class	IP55 / IP66
Weight	Approx. 5 – 6 kg