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VICKSBERG PENTROMETER (PROVING RING TYPE)

AZA0870

The AZA0870 Vicksberg Penetrometer (Proving Ring Type) is a precision-engineered field instrument designed to determine subgrade bearing capacity, evaluate soil compaction levels, and conduct rapid shallow geotechnical investigations.

Engineered for single-person operation, the instrument combines a 100 kg (1 kN) proving ring with a high-resolution dial gauge, delivering accurate and repeatable measurements in field conditions. Its robust, fully mechanical design makes it ideal for remote site applications without power requirements.

Key Features

- High-Capacity Proving Ring

100 kg (1 kN) with individual calibration chart

- Precision Dial Gauge

0–25 mm range with 0.002 mm least count

- Optical Dial Viewer

Ensures clear visibility in bright outdoor conditions

- Modular Penetration System

Detachable cone and extension rod for variable depth

- Single-Person Operation

Ergonomic design with manual loading handle

- Fully Mechanical Design

No power or batteries required

- Portable Construction

Supplied in a rugged wooden carrying case





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TECHNICAL SPECIFICATION

Component	Specification
Model Number	AZA0870
Proving Ring Capacity	100 kg (1 kN)
Dial Gauge Range	0 – 25 mm
Least Count	0.002 mm
Cone Type	Detachable cone tip
Extension Rod	Provided
Viewer	Optical dial viewer
Operation	Manual, single-person
Power Requirement	Not required
Carrying Case	Heavy-duty wooden box
Accessories	Calibration chart