AZA LAB / SOIL TESTING EQUIPMENT

DOLLY CORE CUTTER

AZA0882 | TECHNICAL DATASHEET



PRODUCT OVERVIEW

The AZA0882 Dolly Core Cutter is designed to determine the in-situ dry density of natural or compacted fine-grained soils that are free from coarse aggregate. A steel cylindrical cutter is driven into the soil using a locating dolly and rammer to obtain a sample of known volume. The mass and moisture content of the extracted sample are used to calculate its bulk and dry densities.

TECHNICAL SPECIFICATIONS

Parameter	Specification
Model	AZA0882
Equipment	Dolly Core Cutter
Referenced standards	IS 2720 (Part 29): 1966; BS 1377-9
Application	In-situ bulk and dry density of fine-grained soil
Soil suitability	Natural or compacted fine-grained soil, free from coarse aggregate
Core cutter construction	Cylindrical steel cutter
Standard cutter dimensions	100 mm internal diameter × 127.3 mm length
Dolly	Steel; 25 mm high with locating lip
Rammer	Rammer with detachable steel rod
Standard supply	One core cutter, one dolly and one rammer
Optional cutter	100 mm internal diameter × 175 mm length
Optional extras	Additional dolly; test form pad

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