



SAFETY AND TECHNICAL DATA SHEET GUIDE

MULTI-AXIS LAB DRILL

PRODUCT INFO

PRODUCT NAME
MULTI-AXIS LAB DRILL

PRODUCT REF
DRLL - 800

PRODUCT DESCRIPTION
ROCK SAMPLING DRILL

PRODUCT CATEGORIES
GEOTECHNIC, LAB TESTING,
EARTH SCIENCE

QUICK GUIDE

Designed for construction materials testing laboratories, the Multi-Axis Lab Drill enables core samples to be extracted from concrete, reinforced concrete, rock, asphalt and other solid materials.



The Multi-Axis Lab Drill features a versatile clamping system designed to securely hold cylindrical samples and irregular blocks from both construction materials and geological formations. Its X-Y rail positioning system allows the drilling unit to be precisely moved over the required sampling point while keeping the operator in a safe working position. Interchangeable diamond drill bits and an integrated water lubrication system provide efficient sample preparation across a wide range of materials.

TECHNICAL SPECIFICATION

Dimensions	Weight	Material	
1137x1124x1870 mm 44.8x44.3x73.6 in	222 Kg 490 lbs	Stainless Steel	
Power	RPM	Fluid system	Pump
220 - 230 V, 50Hz, 2.2 kW, Single phase	400/750/1550	Submersible cooling pump	60 W 26 L/min

MAXIMUM SAMPLE SIZE

Dimensions	600x600x600 mm / 23.62x23.62x23.62 in
Weight	550 Kg / 1 212 lbs
Drill bit diameter	From Ø 25 to 200 mm

ACCESORIES OPTIONAL ITEMS

DIAMOND DRILL BIT

Our range includes impregnated, segmented, thin wall, and mini plug options. They are suitable for extracting plugs in all rock formations, including sedimentary, igneous, and metamorphic



SILICA DUST PROTECTION

Use a certified respiratory mask with fine particle and silica filters, protecting operators from hazardous dust exposure.



X-Y axis positioning



Sample drilling



Core sample extracted

