



# SAFETY AND TECHNICAL DATA SHEET GUIDE

## ELECTRIC PLUGGING SYSTEM

### PRODUCT INFO

#### PRODUCT NAME

ELECTRIC PLUGGING SYSTEM

#### PRODUCT REF

DRLL - 101

#### PRODUCT DESCRIPTION

CORE DRILL

#### PRODUCT CATEGORIES

OIL & GAS, LAB TESTING

### QUICK GUIDE

This manual plugging unit ensures precise and consistent rock sampling. Modular, lightweight, robust, and powerful, it is designed for easy cleaning and is widely used in wellsite operations, laboratory environments, and detailed geological analysis.



The Electric Plugging System is constructed from stainless steel and is fully removable. Its substantial weight ensures excellent stability and effectively absorbs vibrations. The basin is resistant to all types of fluids and is equipped with a high-viscosity recirculating pump. Two lubrication lines are pre-installed: one for fluids such as water, brine, drilling mud, or mineral oil; the other for air or nitrogen. Designed for demanding wellsite and laboratory environments, the system produces precise and consistent plug samples for SCAL analysis, rock mechanics testing, and advanced petrophysical applications.

### TECHNICAL SPECIFICATION

POWER	RPM	FLUID SYSTEM	PUMP
230 - 240 V, 50-60Hz 3 speed transmission	850/1650/3450	Recirculating with a pump	HV pump 300 L/min
DRILL BIT	CORE SUPPORT	BASSIN VOLUME	
Up to Ø 50.8 mm / 2" Std Ø 1", 1.5", 2"	Vertical 300 mm Horizontal 1000 mm	50 L	
DIMENSION	WEIGHT	MATERIAL	
1950X 880X1270 mm 76.77x34.64x50 in	136 Kg 300 lbs	Stainless Steel	

### ACCESORIES OPTIONAL ITEMS

#### ORIENTED DRILLING SYSTEM

A stainless steel component designed to securely orient the drilling angle up to 45°, allowing plug sampling parallel to the bedding plane.



#### PLUG TRAY

Efficiently organizes and stores drill core plugs, helping prevent sample mix-ups while ensuring easy access and handling during geological sampling processes.



#### SILICA DUST PROTECTION

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



Horizontal core support



Lubricant fluid line



Plugging unit

