

## **ASC Scientific D2000 Alternating Field Demagnetizer**



**Make:** ASC Scientific, USA

**Model:** D2000 High-Performance Alternating Field Demagnetizer

### **Description:**

The D-2000 alternating field demagnetizer is designed for high-performance rock magnetic demagnetization of discrete samples of rock or sediment. Standard features include 2000 Gauss (0.2 T) peak demagnetization field intensity, built-in ARM and partial ARM, and a computerized operator interface. The D-2000 unit consists of an AF demagnetizer coil and sample access tube and is enclosed within a mu-metal shield. The demagnetizer unit is connected to a D-2000 electronics controller and a Crest CA-9 power amplifier. The unit can demagnetize four to five samples simultaneously.

The D-2000 offer all the features of high-quality manually controlled demagnetizers plus a graphical operator interface which facilitates system setup and operation. Operator programmable settings are available for peak demagnetizing field intensity, decay rate, ARM intensity, pARM intensity, and pARM start and end points. Stepped demagnetizations and stepped ARMs and pARMs can be performed with a mouse click. Operators can even choose to work in either the S.I. or c.g.s. system of units.

<b>Specifications:</b>	
AF Peak Field:	0.2 T (2000 Gauss)
Minimum AF Field Step:	0.0001 T (1.0 Gauss)
ARM Peak Field:	0.0015 T (1.5 Gauss)
PARM Peak Field:	0.0015 T (1.5 Gauss)
AF Decay Rates:	Eight discrete rates available
Minimum PARM Step:	0.0001 T (1.0 Gauss)
Sampling Handling	Static - Holds 4 (D-2000) 1" cyl. or cube samples

**User Instructions:**

1. Each requisition should be addressed to Director, BSIP for allotment of analysis date
2. Payment is to be made in advance through bank draft in favour of “**Director, BSIP, Lucknow**”. Kindly visit our website for the updated rate-list
3. Data generated will be provided on CD or DVD
4. Sediment/Soil samples should be fully packed in 10 cc plastic bottles

**Contact Us:**

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**Analysis cost:** See analytical cost list as attached below