

EECIFLUX
PORTABLE UNIT
(With Smart Digital Controller)
Model: EFD-1500/2, EFD-2000



The portable prod machine are convenient and economical inspection units that are used in a wide range of magnetic particle application that require only moderate power. Prod machine are ideal for large or heavy parts, in-service mobile equipment or job-site welds.

BENEFITS

- Find surface defects with AC current, switch cable connection to half wave (HWDC) for near-surface defects
- Locate defects in any direction using prods, central conductor, coil (wrap part with cable)
- Infinitely variable current control

FEATURES AND SPECIFICATION

- Smart Digital Controller and display meter for easy current setting and closed loop current feedback
- Mag ON variable time from 0.5 – Max 2 sec
- Equipped with a thermal overload relay to prevent failure of components
- Thyristorized stepless solid-state current control
- Quick disconnect type of prod connections
- Compact, lightweight & portable
- Can detect surface as well as sub-surface defects
- Standard built equipment for continuous inspection
- Demagnetization of parts in AC mode by slowly turning the current to zero
- Current compensation adjustment in smart digital controller

STANDARD ACCESSORIES

- Two nos. set of Prod cables of 5 meter length
- 5 meter remote operation cable

SPECIFICATIONS		EFD-1500/2	EFD-2000
Input Supply	Voltage(AC)	230 V	415 V
	Frequency	50 Hz	
	Phase	1 ϕ	2 ϕ
Max. output current in Ampere		1500 Amp AC / HWDC	2000 Amp AC / HWDC
Input Current Drawn (Amperes)		55 Amp	45 Amp
Open Circuit Voltage(DC)		6.5 V	6.5 V
Open Circuit Voltage (AC)		5.2 V	5.2 V
Max KVA ratings		15 KVA	18 KVA
Max Duty Cycle		0.5 Sec ON / 5 Sec OFF	0.5 Sec ON / 5 Sec OFF
Class of Insulation		F Class	
Current Control		Thyristorized step-less solid state current control	
Dimension (L x W x H)		550 mm x 240 mm x 240 mm	
Weight		45 kg	

Note: Current ratings based on use of two 5 meter lengths of prod cable