

EECIFLUX
MOBILE POWER UNIT
(With Smart Digital Controller)
Model: EFD 6000



Some parts for magnetization cannot be moved so the magnetization station needs to be brought to the part. The 'EFD' series offers a solution by providing an adaptable mobile unit. These units features AC or Half wave DC output.

FEATURES AND SPECIFICATION

- **Smart Digital Controller** and display meter for easy current setting and closed loop current feedback
- Unit is suitable for working on AC & HWDC
- Mag ON variable time from 0.5 – Max 2 sec
- Rugged construction for reliable magnetic inspection
- Thyristorized step less solid-state current control
- Heavy-duty caster wheels make it possible to place the unit on the shop floor
- Detects surface as well as sub-surface defects
- Inspection can be done with dry as well as the wet method
- Capable of detecting defects using prods, Central conductor or Coil
- Equipment conforms to international specifications
- Remote control option for convenience & productivity
- Equipped with two output ports of 230V for attachment of backlight and handy Yokes
- Demagnetization of parts in AC mode by slowly turning the current to zero
- Current compensation adjustment in smart digital controller

BENEFITS

- Ability to easily move the unit to the part for inspection
- Assure testing accuracy and repeatability with direct amperage control
- Convenient space is provided on the top of machine to wrap cables after use, saves space as well as keeps cables lasting longer without being dragged along the floor when moved
- Provided with heavy-duty eye bolt for ease of lifting

SPECIFICATIONS	EFD - 6000
Length	1020 mm
Width	750 mm
Height	910 mm
Duty Cycle at maximum O/P	10% (0.5 sec ON / 5 Sec OFF)
Input Supply	415 VAC, 50 Hz, 2 Lines of 3
Open Circuit Output	16 VDC / 13 VAC
Max Output Current	5000 Amps AC / 6000 Amps HWDC
Input Line current Drawn	200 Amps
Current Control	Thyristorized step less solid state current control
Magnetizing Cable	Copper Cable of 120 Sq.mm
Weight	400 kgs