



ZM-SERIES

CORPORATE OFFICE

ZChem Specialities Pvt. Ltd.,
Sy.No. 11/2/6, Puradapalya village, Tavarekere Hobli,
Bangalore, Karnataka - 562130, INDIA

OVERSEAS OFFICE

ZChem Specialities BFC
BLB-S5-384, Ajman Media City
AJMAN - UAE



ZM- 400 MPI Power Pack

PRODUCT DATA SHEET

Mobile Power Pack

ZChem® understands some parts cannot be moved so the magnetizing station needs to be brought to the part. The M-Series offers a solution by providing an adaptable mobile unit. These units feature AC or Half Wave DC output. Output rating is based on the load specified.

The ZM-400 for long cable output is designed for applications in which the power source cannot be close to the inspection piece. This unit is designed to work with long cable lengths necessary for inspecting large parts (i.e. power generator parts).



Standard Features

- Input supply - 380-415V, 50-60 Hz, 3 Phase.
- 3 Bus Bars for connection
- Maximum output of 4,000 Amps – DC (5Mtrs, 120 Sq.MM Cables shot in parallel)
- Maximum output of 3000 Amps – AC (5Mtrs, 120 Sq.MM Cables shot in parallel)
- Push Button switch or remote pendent for Mag
 - Momentary–magnetises as long as button is pushed
- Push Button switch for Demag
 - One touch auto cycle
 - Switches to decaying AC automatically
- Remote Pendent with 10 Meters Cable - This reduces the overheating of the transformers and increases performance of the power pack.
- Push Button switch for ON/OFF

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- Fabricated body mounted on revolving castor wheels.
- Safety Interlocking limit switch for AC/DC.
- 230 V auxiliary supply
- Optional Digital Ammeter readings with **HMI screen**
- Provision for Remote Control Assembly
- Infinitely variable Thyristorized magnetising current control

Benefits

- Provision for quick changing over of cables from AC to DC
- Easy to maintain side panels.
- Ability to move the Equipment to the part of the inspection
- Rugged handle to push the equipment.
- Provision to hang the cables on the equipment.



Product Properties

Unit	ZM-400
Magnetizing Current	4000 A AC/HWDC
Voltage	380-415 V
Frequencies	50-60 Hz

Specification Compliance

ASTM E1444, ASTM E3024, ASTM E3024M, ASTM E709 & ASME B&PV Sec. V



Accessories required

1. Spring-Loaded Contact Clamp
2. 120 Sq.MM Copper Cable
3. Standard Copper Prod Set – 2 Nos – Cable Length - 5 M

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