

## MAGNETIC PARTICLE INSPECTION EQUIPMENT



SQUAREMAG mobile magnetic particle inspection units are ruggedly constructed for long, maintenance free service. The advanced solid state circuitry greatly reduces the size and weight of SMP-40 & SMP-60

### Key Applications :

These self-contained, mobile units can be moved or rolled anywhere in shop, foundry, refinery, petrochemical plant or manufacturing facilities to detect surface and near surface cracks by the MPI method.

### Remote Option :

A special remote-control unit is available for use with the mobile power sources. It provides control of the magnetizing and demagnetizing current from a convenient hand-held unit. A remote On-Off switch on the front panel of the machine provides for quick selection of local or remote-controlled operation.

### Controls :

All operating controls and indicators are located on the recessed front panel. The easily read ammeter shows magnetizing current in either AC or half-wave DC operating modes.

SPECIFICATIONS	UNITS	SMP-40	SMP-60
INPUT SUPPLY	VOLTS	415	415
FREQUENCY	HZ	50	50
PHASE	PH	2 LINES OF 3 PH	2 LINES OF 3 PH
MAX. OUTPUT CURRENT	AMPS	4000	6000
DUTY CYCLE AT MAX O/P	%	50	50
OPEN CIRCUIT VOLTAGE	V	17	17
CLASS OF INSULATION	CLASS	F	F
KVA RATING	KVA	64	108
CURRENT CONTROL SYSTEM	--	SCRCONTROL	SCRCONTROL
DIEMENSIONS (L X W X H)	MM	650 X 1000 X 900	650 X 1000 X 900
NET WEIGHT (APPROX)	KGS	250	325
AMMETER	----	DIGITAL / ANALOG	DIGITAL / ANALOG

### Optional Accessories:

- Magnetising cables with prod method and cable wrap methods.
- Validation Test blocks
- C-clamp assembly
- Scissor clamps
- Magnetic leech
- Remote Control Pendant

Manufactured by :

### SQUAREMAG SYSTEMS

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