

MAGNETIC PARTICLE INSPECTION EQUIPMENT

MOBILE POWER SOURCE

MODEL: SP-40/ SP-60

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 SP-40 & SP-60



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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	SP-40	SP-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	13
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

SQUAREMAG reserves the right to change the appearance or specifications for product improvement or technical advancement at any time, with out notice.

Manufactured By:

SQUAREMAG SYSTEMS

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