

## MAGNETIC PARTICLE INSPECTION EQUIPMENT



SQUAREMAG power sources are designed to use in rugged industrial atmosphere. Widely used for Inspection of weldments, castings, Engine blocks and service parts like crane hooks, truck forks etc. Meets ASTM E 1444 requirements

### Features:

- ➔ Infinitely variable thyristorised magnetizing current control
- ➔ AC decay demagnetization facility
- ➔ Analog ammeter for displaying the magnetization Amps.
- ➔ Output terminals to connect magnetizing cables of Prod method or Cable wrap method.
- ➔ Provision for remote control assembly
- ➔ Suitable for Prod method, Cable wrap method and coil methods
- ➔ Heavy duty handles for rugged industrial applications.

SPECIFICATIONS	UNITS	SMP-15	SMP-20	SMP-30
INPUT SUPPLY	VOLTS	230/415	415	415
FREQUENCY	HZ	50	50	50
PHASE	PH	2 LINES OF 3 PH	2 LINES OF 3 PH	2 LINES OF 3 PH
MAX. OUTPUT CURRENT	AMPS	1500	2000	3000
DUTY CYCLE AT MAX O/P	%	50	50	50
OPEN CIRCUIT VOLTAGE	V	6.5	8	16
CLASS OF INSULATION	CLASS	F	F	F
KVA RATING	KVA	10	12	48
LINE CURRENT	AMPS	45/24	45	60
CURRENT CONTROL SYSTEM	--	SCRCONTROL	SCRCONTROL	SCRCONTROL
DIEMENSIONS (L X W X H)	MM	550 X 280 X 280	600 X 280 X 280	650 X 350 X 350
NET WEIGHT (APPROX)	KGS	58	72	102
AMMETER	----	DIGITAL / ANALOG	DIGITAL / ANALOG	DIGITAL / ANALOG

### Optional accessories:

- ➔ Magnetising cables with prod method and cable wrap methods.
- ➔ Validation Test blocks
- ➔ C-clamp assembly
- ➔ Scissor clamps
- ➔ Magnetic latch

Manufactured by :

### SQUAREMAG SYSTEMS

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