

JAYSON ELECTRO-MAGNET



The JAYSON offers unparalleled flexibility and comfort of use.

- Open access for viewing
- Good leg extension
- Easy to grip “slim” handle
- Lighter weight than standard models

Magnetic Particle Inspection “Hand-held portable yoke” manufactured to comply with:- **EN ISO 9934-3:2002**

MODELS AVAILABLE	CURRENT	FREQ	NOTES	ORDER CODE
JAYSON 230V AC	1.75 Amps Max	50/60 Hz	Standard Unit	JAYSON 230V
JAYSON 110V AC	3.1 Amps Max	50/60 Hz	Standard Unit	JAYSON 110V
JAYSON 230 and 110 Volt	as above respectively	50/60 Hz	Interchangeable leads gives the operator choice of desired voltages	JAYSON Bi VOLT

Specification

RECOMMENDED POLE SPACINGS
 CROSS SECTIONAL DIMENSIONS OF THE POLES
 CURRENT CONTROL
 DUTY CYCLE
 MAX CURRENT “ON” TIME
 SURFACE TEMPERATURE OF HANDLE
 TANGENTIAL FIELD STRENGTH (IN STEEL) AT 65mm POLE SPACING (110/230)
 TANGENTIAL FIELD STRENGTH (IN STEEL) AT 120mm POLE SPACING (110/230)
 OVERALL DIMENSIONS – STANDARD UNIT
 STANDARD MAINS LEAD LENGTH
 JAYSON MASS – STANDARD UNIT
 ENVIRONMENTAL PROTECTION DEGREE
 CE CERTIFICATION EN50081-2/1993 and EN55014:1993
 LIFT CAPACITY

65mm to 120mm (Max pole spacing 180mm)
 25mm x 18mm
 Fixed Output all Models
 50%
 5 sec
 less than 40°C at max duty cycle (30°C Ambient)
 greater than or equal to 3.8kA/m
 greater than or equal to 2.0kA/m
 Length 220mm Height 205mm (legs straight)
 4m
 2.5Kg
 Tested to IP 56
 Passed
 AC – All Models
 (American E1444-01 4.5Kg (44N)
 (Europe BS EN ISO 9934-3:2002 4.5Kg (44N)
 In built thermal auto re-set cut out
 PAT Test Certificate

SAFETY PROTECTION

TRANSFORMERS

JAY GO 230V TO 110V STEP DOWN TRANSFORMER
 BUILT INTEGRALLY INTO A JAY/JAYSON CARRY CASE. IDEAL FOR SITE USE,
 THE CASE HAS AMPLE ROOM FOR INSPECTION AEROSOLS

230V TO 110V STEP DOWN (SINGLE SOCKET FOR 1 JAYSON)
 INCLUDING ROBUST CARRY CASE AND FUSED PROTECTION

230V TO 110V STEP DOWN (DOUBLE SOCKET FOR 2 JAYSONS)
 INCLUDING ROBUST CARRY CASE AND FUSED PROTECTION

TEST WEIGHTS

4.5KG STEEL WEIGHT WITH HANDLE (American and European AC Test)

SPARES

SWITCH ONLY
 MEMBRANE AND SURROUND
 SWITCH ASSEMBLY (SWITCH, MEMBRANE AND SURROUND)
 FOOT LAMINATION (1 PAIR)
 COMPLETE LEG ASSEMBLY (1 PAIR FOOT AND MID ARM)
 CABLE STRAIN RELIEF

ORDER CODE

JAY GO

SST

DST

ORDER CODE

4.5Kg Test Weight

ORDER CODE

JAYSON - S
 JAYSON - M - SU
 JAYSON - S - M - SU
 JAYSON - FOOT
 JAYSON - LEG
 JAYSON - CSR

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