

TRI-MAG

Version 04082017

Portable AC Power Pack

The Tri-Mag is a portable power pack capable of variable AC outputs which can be used for performing pistol prod and encircling techniques as well demagnetizing components. Johnson & Allen can supply a range of accessories with the Tri-Mag including encircling cables, pistol prods, 'G' clamp prods, split coils and foot switches. The Tri-Mag is ideal for inspecting large or heavy parts, in-service components or weld testing on-site. Supplied calibrated and with the relevant paperwork.



Key Features

| | |
|----------------------|-------------------|
| Input Voltage | 110/230 V |
| Output | 0 - 1500 Amps |
| Weight | 30 kg |
| DIMN | 560 x 270 x 230mm |

Technical Information

The Tri-Mag is ideal for performing pistol prod and encircling techniques but can also be used in conjunction with fixed coils, split coils and 'G' clamp type prods.

Due to the variable supply the Tri-Mag can be used for demagnetizing by slowly turning the current dial to zero.

Ideal for finding surface defects in large or heavy parts, in-service components or weld testing on-site.

Dual voltage unit can accept either 110V or 230V.

Safety features such as a circuit breakers and a series of fuses are fitted as standard on the Tri-Mag to ensure that even inadvertent misuse will not put operators at risk.

Cables use quick release DINSE connectors for increased inspection efficiency.

The Tri-Mag is supplied fully calibrated and with the relevant paperwork. Re-calibration services are available from Johnson & Allen's UKAS accredited laboratory.

Easy to re-site, move to work and stowaway between jobs.

Johnson & Allen pride itself on high quality design and construction which is why the power transformers used in the Tri-Mag are wound, built and extensively tested in house before they are installed.

Designed and built in-house by Johnson & Allen within the 'Steel City' of Sheffield, UK.

Johnson and Allen Ltd

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 www.johnsonandallen.co.uk

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Product Data

| General Information | |
|--------------------------------|--|
| Input Voltage | 110V 230V |
| Frequency | 50Hz 60Hz |
| Open Circuit Voltage | 3.2V |
| Duty Cycle | 3 seconds 'ON' 15 seconds 'OFF' |
| Weight | 30 kg |
| Dimensions | 560 x 270 x 230mm |
| AC Output | |
| Input Current (typical) | 30 Amps ^{110V} 14.2 Amps ^{230V} |
| Input Current (max.) | 38 Amps ^{110V} 22 Amps ^{230V} |
| Output Current - AC (typical)* | 1000 Amps ^{110V} 1000 Amps ^{230V} |
| Output Current - AC (max.)* | 1200 Amps ^{110V} 1500 Amps ^{230V} |

*All tests carried out using a 4m loop of cable (70mm diameter)

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