

MULTISPOT MI-100control

The MULTISPOT MI-100control fulfills all car manufacturers and body shops demands concerning process reliability and efficiency. The upgradeable design assures the investment in the equipment.



MULTISPOT MI-100control

Use: Spot welding of structural body damage. Specially designed for high-strength steels such as Boron, USIBOR, TRIP, TWIP, XIP.

Process Reliability: Intelligent control technology allows a spot weld quality that is comparable to the quality achieved during the production process of new vehicles.

Protection of the Investment: The modular nature of the system „MULTISPOT“ assures the investment in the equipment. Easy and quick tool change (X- or C- pliers); new OEM welding programs can be added through software updates via compact flash card.

Efficient Spot Welding: The simple “MULTISPOT” operating concept requires only brief instructions and allows efficient operation of the equipment. The optional PC- software provides analytical capabilities i.e. to check the efficiency of the welding process.

Attributes/ notes:

- with C- Pliers and/ or X- Pliers
- Recognition and compensation of disturbing factors: e.g. primer, glue, antirust lacquer.
- Manufacturers welding programmes recallable.
- Update for new vehicles at any time via Compact Flash Card.
- Own welding programmes may be issued and stored under own name.
- Quality proof by logging of all important welding data, if desired together with the order data.
- Results in the quality requested by the car manufacturer.
- Equipped for all welding duties at the body - now and in the future.
- Quick fixing of the requested spot welding pliers or spot welding gun by means of central connection.

Available accessories:

- C- Pliers MC-5000
- X- Pliers MX-4900

Technical Data:

Power supply unit:	400 V (380 V - 415 V)
Mains (other mains on request):	3 x 400 V (3ph.)
Fuse** :	32 A slow blowing
Mains connection cable Ø / length:	6 mm ² / 10 m
Mains frequency:	50 / 60 Hz
Mains supply power:	42 kVA
Nominal power by 50 % ED:	60 kVA
Open- circuit voltage max.:	23 V DC
Welding current max.*:	12000 A DC
Ambient temperature:	40° C
Protective system:	IP 21
Power supply unit:	mobile
Dimensions H/ W/ D mm:	925 / 650 / 645
Weight without accessories:	approx. 100 kg

** 63 A slow blowing - recommended for critical mains conditions.

Approvals:

The following manufacturers have approved the MULTISPOT MI-100control

Audi	Certification
BMW	Certification
Cadillac	Certification
Chevrolet	Certification
China Quality Certification Centre	Certification
Chrysler	Certification
Ford	Certification
Ktd	Certification
Lexus	Certification
Mercedes Benz USA	Certification
Mercedes- Benz	Certification
Opel	Certification
Porsche	Certification
Seat	Certification
Skoda	Certification
Smart	Certification
Thatcham	Certification
Toyota	Certification
VW	Certification

Downloads:

- Product Information
 - CSA certificate
- Operating Manuals
 - MI-100control / Operating manual
 - MI-100control / Instruction d'utilisation
 - MI-100control / Manuale di istruzioni
 - MI-100control / Návodů k obsluze
 - MI-100control / Руководство по эксплуатации
 - MI-100control Chinese

Available Models:

- MULTISPOT MI-100control 3x400 V CE STANDARD with MX-4900 and Linear- Balancer (515 965)
- MULTISPOT MI-100control 3x400 V CE like 515 965 plus heat exchanger (515 966)
- MULTISPOT MI-100control 3x400 V CE STANDARD with MC-5000 and Linear- Balancer (515 990)
- MULTISPOT MI-100control 3x400 V CE like 515 990 plus heat exchanger (515 991)
- MULTISPOT MI-100control 3x230 V CE STANDARD with MX-4900 and Linear- Balancer (515 993)
- MULTISPOT MI-100control 3x230 V CE like 515 993 plus heat exchanger (515 994)
- MULTISPOT MI-100control 3x230 V CE STANDARD with MC-5000 and Linear- Balancer (515 995)
- MULTISPOT MI-100control 3x230 V CE like 515 995 plus heat exchanger (515 996)

Technical specifications are subject to change without notice.
