

Controllers

For Electropermanent Magnetic Chucks

The electronic reverse polarity controllers are used to turn the magnetic clamping plates on and off and to regulate the holding force in several stages through the affiliated manual operating device.

With the D50 controllers can be switched up to 99 poles with the pole size P50 (or 48 poles with the pole size P75). Furthermore, the D100 controller is needed.

The single-channel devices D50 and D100 are used to control Magnaslot and Doublemag. The D50-2 controller is needed to operate the Triplemag magnet modules.

If multiple magnetic clamping plates shall be controlled individually, the D100-4 controller can be used. Up to 4 clamping plates can be switched separately here. But a distributor can also be interposed. As a rule, each controller is provided with 3-m clamped mains cable and a 3-m clamped bayonet connection cable (5-pin, large, w).



Controller EPM D50



Controller EPM D100



Controller EPM D100-4

Technical Data

	Channel	No.
Controller with 3-m mains and one connection cable		
EPM D50 to 50 A, for Magnaslot and Doublemag, with remote control and holding force regulation	1	64200
EPM D50 Flux to 50 A, for EPFlux, with remote control and holding force regulation	1	66847
EPM D50-2 to 50A, for Triplemag, with remote control and holding force regulation	2	63863
EPM D100 to 100 A, for Magnaslot and EPRadial, with remote control and holding force regulation	1	52950
EPM D100-4 to 100A, for Magnaslot, with remote control and holding force regulation	4	58088
Foot switch to control unit		53832
Special devices and distributors on request		



Bayonet plug



Remote control



Foot switch



Distributor