

Induction Equipment 10KW - 400 KHz.

DX10-A DX10-B



LUZARS Induction Equipment

Features robust electronic power circuitry and simple operator-friendly control logic, allowing anyone with minimal training to operate and tune in quickly and accurately

LUZARS Induction Equipment

Designed to work continuously at 100% of their capacity. The robustness of its electronic circuitry leads the equipment to withstand short circuits at the work coil or some bad tuning on it without any problem



Easy to tune



Coil quick change




Flexible leads



Compact models

CONTACT

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Main strengths of our Equipment:

- L-L-C Solid State MOSFET Transistor Technology
- Advanced electronic protection against short circuits in the work coil
- Easy to tune to adjust work coil (no tooling required)
- Manual tuning adjustment via rotary knob (does not use multitap transformer)
- As standard, it includes a quick-change system for work coils (not tools required)
- Compact and simplified design
- Light and flexible extension cable to bring the heating coil closer to the process
- Almost no preventive maintenance
- Includes timer for automatic stop control
- High power factor

Our equipment can be operated and monitored by different means, directly with the control panel, from a remote button station, with pedal or trough a PLC interface.

Our equipment is designed to make preventive and corrective maintenance very easy as it facilitates troubleshooting and component replacement.

The work coil can be approached to the area where heating is required by means of a flexible extension cable, this cable can be up to 6 meters long.

The change of work coil is carried out in a practical and simple way; just loosen a knob on the departure bus by hand.

TECHNICAL DATA

General Data	DX10-A	DX10-B	Cooling	
Input voltage (3 phases)	210 - 260VCA	400 - 460VCA	Minimum water flow	8 lts/ min
Consumption (maximum)	32 Amperes	16 Amperes	Minimum dif pressure	30 Psi
Line consumption (minimum)	13 KVA	13 KVA	Maximum inlet pressure	100 Psi
Input frequency	50 - 60Hz.	50 - 60Hz.	Inlet water temp	35°C Max
Room temperature	2° C a 38°C	2° C a 38°C	Water quality	Low in salts
Power factor	0.93	0.93		
Characteristics			Packing	
Nominal Power	10 KW		Net weicht	82Kg
Maximum Power	11 KW al 110%		Gross weight	129Kg
Frequency range	100 a 400 KHz.		Dimensions	60cm W 60cm H 35cm D
Work cycle	Continuous al 100%			
Enable time	100 a 400µseg.			
Interphase control	Keypad, pedal, PLC, Analogue control			
Arquitecture	L-LC			
Timer operation	Timer: scale 0-100 seg			
Extension cable to heating output	2.2 (Standard) up to 6 mts length			
			Scheme	