

A2-A6 Process Controller (PEH)

- Designed for use with ESAB's LAF (DC) and TAF (AC) power sources
- Suitable for MIG or SAW processes
- Preset all welding parameters by keying values on front panel; can store up to 10 different data sets in memory for easy recall during welding
- Submenus let user decide on welding direction, wire type/dimension, and weld start/stop
- Microprocessor automatically fine tunes arc characteristics depending on wire type and parameters selected
- Microprocessor controlled system is user friendly and requires minimal training
- Choose between 12 different languages and view heat input on display



Ordering Information

A2-A6 PEH Process Controller..... 0443 741 880

Accessories

Control cable, 15 m 0449 449 880
 Control cable, 25 m 0449 449 881
 Control cable, 35 m 0449 449 882
 Control cable, 50 m 0449 449 883
 Control cable, 75 m 0449 449 884
 Control cable, 100 m 0449 449 885
 PHH1 remote control, 5 m cable 0449 040 880
 PEH Eprom 0486 471 880

Technical Data	
Connection voltage from the power source	42V AC 50/60 Hz
Connection power	Max 900 VA
Motor connection adjusted for ESAB's A2/A6 motors	Connection of 2 motors with or without field windings motor current 5 A continuous, max 10 A
Speed control	Internal EMK-adjustment, alt. with AC-tacho
Welding speed, m/min	0.1-2 depending on travel carriage
Max man. travel speed, m/min	2
Wire feed speed, m/min	0.3-25 depending on wire feed unit
Gas valve/auxiliary	42V AC, 0.5 A
Inputs	For connection of sensors or limit switch (2 pcs. NC)
Connection to power source through operat. cable max 100 m	Burndy contact, 12-poles
Max ambient temperature, °C	45°
Min ambient temperature, °C	-15°
Relative humidity of air	98%
Weight, kg	5.5
Dimensions, mm	355x210x164
Enclosure class	IP 23

Instruction Manual PEH Controller (4.0 >), order number 0443745001
 Instruction Manual PEH Controller (4.0 <), order number 0443745160
 Sales Literature PEH Controller, order number XA00089320