

## A2-A6 PEH Process Controller

- Designed for use with 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
- Sub-menus 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.....443 741 880  
 Step Regulator Unit & Oscillation Control for PEH .....Contact ESAB

### Options & Accessories

Control cable, 15 m (49 ft.).....449 449 880  
 Control cable, 25 m (82 ft.).....449 449 881  
 Control cable, 35 m (115 ft.).....449 449 882  
 Control cable, 50 m (164 ft.).....449 449 883  
 Control cable, 75 m (246 ft.).....449 449 884  
 Control cable, 100 m (328 ft.).....449 449 885  
 PHH1 remote control, 5 m (16.4 ft.) cable.....449 040 880

### Technical Data

Connection voltage from the power source, 50/60 Hz, VAC	42
Connection Power, VA	max. 900
Motor connection adjusted for ESAB's A2 and A6 motors	Motor current 5A continuous max. 10A
Speed Control	Internal EMK-adjustment, alt. with AC-tacho
Welding Speed, m/min (ipm)	0.1-2 (4-80)
Min. - Max. Man. Travel Speed, m/min (ipm) (depending on travel unit)	0.1-2 (4-80)
Consumable Wire Feed Speed, m/min (ipm)	30-250 (12-984)
Gas Valve/Auxiliary, VAC, A	42, 0.5
Inputs	For connection of sensors or limit switch (2 pcs. NC)
Connection to power source through operating cable max 100 m (328')	Burndy contact, 12-poles
Max. Ambient Temperature, °C (°F)	45 (113)
Min. Ambient Temperature, °C (°F)	-15 (5)
Relative air humidity	98%
Weight, Kg (lbs.)	5.5 (12)
Dimensions LxWxH, mm (in.)	355x210x164 (14x8x6)
Enclosure Class	IP 23

A2-A6 PEH Controller Sales Literature.....XA00089320  
 A2-A6 PEH Controller (4.0 >) Instruction Manual .....443 745 001  
 A2-A6 PEH Controller (4.0 <) Instruction Manual .....443 745 160