

Aristo™ U8₂

Aristo™ W8₂

The ultimate control system for the Aristo™ Family of power sources and feeders

ESAB introduced the first digital control pendant in 1997 and has continuously developed and extended the functionality.

Aristo™ U8₂ is the second generation developed for advanced manual and mechanised welding applications.

User friendly

Aristo™ U8₂ creates a whole new universe of possibilities maximum functionality, minimum complexity. Five function buttons, single menu and "Enter" button and three setting wheels cover every option. Large bright easy-view LED display and knurled setting wheel for simple gloves-on, visor-down operation.

Aristo™ U8₂ or Aristo™ U8₂ Plus, the all-new U8₂ control unit is the key to a fully integrated welding system. Full USB connectivity and a broad choice of advanced add-on modules Aristo™ W8₂ (DeviceNet, Profibus, CANopen and Ethernet) for comprehensive Fieldbus and LAN communication.

Optional synergic-line packs for special materials can be offered on request.

Multilingual

In the global welding community, ESAB technology is the benchmark for flexibility, efficiency and consistent quality. Ingenious software, intuitive interfaces and logical controls have greatly simplified the welding processes. Even so, language remains critical in understanding and utilizing the full potential of such advanced welding systems.

With an expanded memory and updated display, the Aristo™ U8₂ supports seventeen world languages, including Russian and Chinese (with original Cyrillic and Chinese characters). Manuals available in all seventeen languages. The Aristo™ U8₂: say goodbye to poor displays and confusing manuals.



Aristo™ U8₂ Plus support SuperPulse™



- Supports manual and mechanised applications
 - Available in 17 languages, including Chinese
 - Large display
 - Dials for quick setting of wire feed speed and voltage
 - Dial to scroll menu
 - USB connector for storing of welding and quality data
 - QSet™ for optimum short arc setting
 - Limit editor set and measured values
 - Release pulse to release frozen wire
 - LAN (via Aristo™ W8₂)
 - WeldPoint™
 - Standard package synergic lines (92)
- Additional for Aristo™ U8₂ Plus:*
- Complete package synergic lines (>230)
 - SuperPulse™
 - Filemanager
 - Auto save mode
 - User defined synergic lines
 - Production statistics

Technical data

| | Aristo™ U8 ₂ | Aristo™ W8 ₂ |
|---------------------------|-------------------------|-------------------------|
| Power supply Vac, Hz | | 42, 50/60 |
| Power supply (from robot) | | 24 V DC |
| Communication system | CAN-Bus | CAN-Bus |
| Dimensions l x w x h, mm | 244x222x48 | 366x101x159 |
| Enclosure class | IP 23 | IP 23 |
| Operating temperature, °C | -10 to + 40 | -10 to + 40 |
| Transport temperature, °C | -25 to + 55 | -25 to + 55 |
| Weight, kg | 1.2 | 4 |
| Standards | IEC/EN 60974 -1, -10 | |

Aristo™ W8₂ Integrated



Aristo™ W8₂ Fieldbus



WeldPoint™ brings the shop floor to the production office!



Ordering information

| | |
|---|--------------|
| Aristo™ U8 ₂ | 0460 820 880 |
| Aristo™ U8 ₂ Plus | 0460 820 881 |
| Aristo™ U8 ₂ Plus I/O | 0460 820 882 |
| Aristo™ W8 ₂ Integrated | 0460 891 880 |
| Aristo™ W8 ₂ Fieldbus (DeviceNet) | 0460 891 881 |
| Aristo™ W8 ₂ Fieldbus (Profibus) | 0460 891 882 |
| Aristo™ W8 ₂ Fieldbus (CANopen) | 0460 891 883 |
| Interconnection cable W8 ₂ - Aristo™ Mig U4000i/5000i/U5000i | 0456 527 885 |
| Interconnection cable W8 ₂ - Aristo™ Mig 3001i/4001i | 0462 000 880 |
| Interconnection cable W8 ₂ - Aristo™ Mig 4002c/5002c/6502c | 0462 000 880 |
| Accessories: | |
| Extension cable U8 ₂ , 7.5 m | 0460 877 891 |
| WeldPoint™ | 0462 045 880 |

Delivery content U8₂: 1.2 m control cable with 12p connector, complete holder and English user manual.

Delivery content W8₂ Fieldbus: English installation manual and WeldPoint™

Unrivalled service and support

Our commitment and ability to deliver the expected service and support starts immediately after the order is confirmed. We endeavour to offer our customers an After Sales service, which is second to none. A strong and skilful service organisation is prepared to offer service and maintenance, calibration, validation and upgrading of equipment and software.

The service organisation will offer standardised solutions for the reconditioning or modification of existing products.

Spare and wear parts are manufactured according to ESAB's quality plan. Exchange Printed Circuit Board (PCB), exchange modules and components are available for all our products in order to reduce downtime to an absolute minimum. ESAB is continuously upgrading authorised service partners for local service support. Customers who have their own service and maintenance personnel will always be offered a service-training package as part of a total ESAB offering. However, product and process training for end-users will form an additional part of the ESAB offering. Always ask your ESAB sales representative or distributor for a complete ESAB solution.



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