

The EVO Industry 4.0 series is new to the market. Several systems, initially compact as the 200 A Autorange and now also modular in connection with the Tetric inverters.

The systems are small, lightweight and handy and offer a high-resolution colour display, multilingual intuitive user guidance due to a colour touch interface, or alternatively operation using a membrane keyboard, a stable operating system (without data loss during power outages and quickly ready for use again), full access through tablet with QR-code scanner, data transfer via USB, LAN and WLAN, fault analysis program, manufacturer support via remote maintenance, a mountable cooling unit as an option, and many other functions.

Depending on the model, the systems are equipped with different features. Individual features can be added for a surcharge.

The EVO 200 WP, for example, has an analogue Turbo Purge function as standard. When the Turbo Purge function is activated, before and after the welding process the cassette weld head is purged with an increased amount of gas (setting using the analogue knob on the controller and digital display). Shortly before the welding process, the amount of gas is reduced to the amount required for the cassette weld head. This substantially shortens the welding process and achieves better welding results by precisely controlling the amount of gas.

In the case of the optional digital Turbo Purge function available for the EVO WP series, the gas flow is continuously measured and regulated by a gas flow controller. The amount of gas is set digitally on the display and saved in the program for future welding processes.

With the optional available Gas Controller Box, the Turbo Purge function can also be used with the EVO Modular WP.

During periods of high productivity, the cassette weld head can be preserved by activating the permanent gas function to extend the service life of the tungsten electrodes.

FEATURES	EVO 200 LITE	EVO 200 WP	EVO MODULAR LITE	EVO MODULAR WP
High-resolution 10.1" colour touch display	•	•	•	•
Robust display transport protection	•	•	•	•
Separate control panel for alternative operation	•	•	•	•
Extremely simple, intuitive user guidance with autoprogramming	•	•	•	•
Graphics-supported multilingual user interface	•	•	•	•
Metric and imperial units	•	•	•	•
Orbital tacking mode activatable		•		•
Integrated wire card		•		•
Analogue Turbo Purge		•		•
Permanent gas function	•	•	•	•
Real-time monitoring of the welding parameters	•	•	•	•
Continuous monitoring of all parameters such as welding speed, arc voltage, welding current, welding time, angle degrees, gas, water, residual oxygen, pressure	•	•	•	•
Rotor stop function for increased safety	•	•	•	•
4 GB flash memory for programs and documentation	•	•	•	•
Integrated thermal printer (longlife paper) with multilingual printing of actual / target parameters		•		•
Data transfer via USB	•	•	•	•
Data transfer via LAN / WLAN		•		•
Integrated help menu in the device	•	•	•	•
Fault analysis program	•	•	•	•
Remote maintenance	•	•	•	•

ORBITAL WELDING CONTROLLERS



EVO 200 LITE, EVO 200 WP

OPTIONAL	EVO 200 LITE	EVO 200 WP	EVO MODULAR LITE	EVO MODULAR WP	Item number
EXTERNAL PC SOFTWARE, ALSO WITH OFFLINE EDITING AND PROGRAMMING, DATA TRANSFER, EXTERNAL QUALITY CONTROL		.		.	1.3.7008
QR CODE SCANNER INCL. SOFTWARE AND QR CODE GENERATOR FOR PC FOR USER LOGIN AND ACCESSING THE WELDING PROGRAMS		.		.	1.3.7009
OPTION OF CONNECTING COMPETITOR WELD HEADS		.		.	1.3.7005
DIGITAL TURBO PURGE		.			1.3.7007
AVC CARD FOR DC MOTORS (TURN)	1.3.7003
AVC CARD FOR STEP MOTORS (RBK S) INCL. Y-CABLE	1.3.7004
WIRE CARD	.	▲	.	▲	1.3.7006
COOLING UNIT THAT CAN BE MOUNTED AS AN OPTION	

▲ = EVO 200 WP STANDARD EQUIPMENT

EVO 200 WP ORBITAL WELDING SYSTEM (Aurorange)

Technical data:

Type of current DC
 Mains voltage AC 1 x 230 V +/- 15%
 AC 1 x 115 V +/- 15%
 Mains frequency 50 / 60 Hz
 Max. primary reserve power 6 kVA
 Rec. generator output 9 kVA
 Control range 5 – 200 A
 Welding current 25% ED TIG 200 A
 60% ED TIG 150 A
 100% ED TIG 120 A

Weight: 16.8 kg
 Dimensions (L x W x H): 500 x 340 x 360 mm

Package includes:

- Orbital welding system
- Display transport protection
- Calibration certificate
- USB stick



EVO with mounted transport protection



Transport protection on the rear



EVO with mounted EVO COOL cooling unit

EVO 200 WP ORBITAL WELDING SYSTEM (Aurorange) EVO 200 LITE ORBITAL WELDING SYSTEM (Aurorange)

EVO MODULAR WP ORBITAL WELDING SYSTEM (Aurorange) EVO MODULAR LITE ORBITAL WELDING SYSTEM (Aurorange)

Connection to TETRIS 200 or TETRIS 351

Compact and light with the external dimensions (L x W x H) 405 x 325 x 170 mm and weighing only 9.7 kg.

- Optional:
- Water Cooling Unit COOL 50 or EVO COOL



QR CODE SCANNER

incl. software and QR code generator for PC for user login and accessing the welding programs

Suitable accessories:



SPARE LONGLIFE PAPER ROLL FOR EVO CONTROLLERS

Paper rolls for integrated printer, pack of three (shelf life: 10 years)

1.3.7000
1.3.7001

1.3.7101
1.3.7100

1.3.7009

1.3.0035