

ORBITAL TIGTRONIC



ORBITAL 5.2

- OSK
- OSW
- TURN
- RBK
- (AVC)

TIGTRONIC ORBITAL 5.2 CONTROLLER (Autorange)

The 5th generation of our reliable, tried-and-tested standard controller. Can be connected to TETRIX 200 or TETRIX 351.

- 5.7" display
- Extremely simple multilingual user guidance thanks to programming support (entry of tube outer diameter, wall thickness and weld head indicator)
- Monitoring of gas and water cooling
- Option of welding in up to SIX sectors, in continuous or step travel mode
- Individual modification of the calculated program parameters, also using current percentage button
- Graphic display of the welding progress
- Real-time monitoring of the welding parameters
- Integrated day counter (assignment to isometries and weld joint numbers)
- Storage of up to 99 welding programs
- Storage of up to 400 actual parameters
- Data transfer of welding parameters and programs via USB interface
- Software updates via USB possible
- Error tracking program
- Option of connecting a remote control (the controller can also be operated from the display without a remote control)
- Connection for oxygen and purge pressure analysers
- Compact and lightweight with outer dimensions of (L x W x H) 405 x 325 x 170 mm and a weight of only 8.3 kg
- Autorange 100 – 240 V

Optional:

- COOL 50 or EVO COOL cooling unit
- AVC upgrade kit

1.3.0052

ORBITAL TIGTRONIC



ORBITAL 5.3

- OSK
- OSW
- TURN
- ORBIFEED
- RBK
- (AVC)

TIGTRONIC ORBITAL 5.3 CONTROLLER (Autorange)

As for Orbital 5.2

- With special software only for RBK tube-to-tubesheet weld heads

1.3.0053



TIGTRONIC ORBITAL

TIGTRONIC ORBITAL 5.4 CONTROLLER (AUTORANGE)

The 5th generation of our reliable, tried-and-tested standard controller. Can be connected to TETRIX 200 or TETRIX 351.



ORBITAL 5.4

- OSK
- OSW
- TURN
- ORBIFEED
- RBK
- (AVC)

- 5.7" display
- Extremely simple multilingual user guidance thanks to programming support (entry of tube outer diameter, wall thickness and weld head indicator)
- Monitoring of gas and water cooling
- Orbital tacking mode can be activated
- Option of welding in up to SIX sectors, in continuous or step travel mode
- Individual modification of the calculated program parameters, also using current percentage button
- The current and wire feed parameters can also be changed during welding
- Graphic display of the welding progress
- Real-time monitoring of the welding parameters
- Integrated day counter (assignment to isometries and weld joint numbers)
- Storage of up to 99 welding programs
- Storage of up to 400 actual parameters
- Data transfer of welding parameters and programs via USB interface
- Software updates via USB possible
- Error tracking program
- Option of connecting a remote control (the controller can also be operated from the display without a remote control)
- Connection for oxygen and purge pressure analysers
- Integrated wire card
- Integrated thermo printer (longlife paper) with multilingual printout of actual / target parameters
- Compact and lightweight with outer dimensions of (L x W x H) 405 x 325 x 170 mm and a weight of only 8.3 kg
- Autorange 100 – 240 V

Optional:

- COOL 50 or EVO COOL cooling unit
- AVC upgrade kit

Package includes:

- Controller
- Power cable
- Controller / power source interface cable
- USB stick
- 2 pieces tungsten boxes
- Pen with touch screen function and LED light

AVC UPGRADE KIT FOR TIGTRONIC CONTROLLERS

AVC CARD FOR DC MOTORS UPGRADE KIT (Turn)

for Tigtronic controllers

AVC CARD FOR STEP MOTORS UPGRADE KIT (RBK S)

for Tigtronic controllers

Item number

1.3.0054

1.3.0031

1.3.0036

Orbital welding systems

Welding tools

Welding accessories

Joint preparation

Purging accessories

Measuring devices

Service / general



DOCUTRONIC 2.2 SOFTWARE FOR DOCUMENTATION

For all Tigtronic controllers for backing up, managing and editing the weld joint documentation (actual / target parameters) at the PC in German and English

1.3.0207



ORBICONTROL 3 REMOTE CONTROL

8 m cable remote control for all orbital welding controllers.

- Activation and deactivation of the welding process
- Rotary movement control
- Wire feed control
- AVC control
- Visual status display

1.3.0030



BRACKET FOR REMOTE CONTROL ORBICONTROL 3

8 m cable remote control for all orbital controls.

1.3.003003



SPARE LONG-LIFE PAPER ROLLS FOR EVO AND TIGTRONIC CONTROLLERS 5

Paper rolls for built-in printers 3-pack (shelf life 10 years)

1.3.0035



SPARE PAPER ROLLS FOR TIGTRONIC CONTROLLERS 4

Paper rolls for integrated printer, pack of three

1.3.0002



SPARE RIBBON CARTRIDGE FOR CONTROLLERS WITH INTEGRATED PRINTER

Ribbon cartridge for TIGTRONIC ORBITAL 4 integrated printer

1.3.0003