Item number



*The Reliable*



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

**TIGTRONIC ORBITAL 4 CONTROLLER**                                    **1.3.0012**
The 4th generation of our tried-and-tested and reliable standard controller.
Can be used with TETRIX 200 or TETRIX 351

· 5.7" display, collapsible
· Simple, multilingual operator guidance through auto programming of weld
  schedule parameters: tube outside diameter, wall thickness and weld head code
· Gas and water cooling monitoring
· Tacking mode can be activated
· Options for 6 level programming with continuous and step travel modes
· Simple tuning of auto calculated parameters by individual level or overall percentage
· The output and wire feed parameters can also be changed during welding
· Graphic display of the welding progress
· Real-time monitoring of the welding parameters
· Integrated weld counter (assignment to isometrics and weld numbers)
· Storage of up to 99 programmes
· Storage of up to 400 actual parameters
· Data transfer of weld parameters and programmes via USB interface
· Software updates possible
· Diagnostic fault detection system
· Options for connecting a remote control pendant
  (Note: The controller can also be operated without a remote pendant)
· Connection for oxygen analysers
· Servo PCB for wire feed
· Integrated printer
· Compact and lightweight with outer dimensions (L x W x H) 405 x 325 x 170mm
  and a weight of only 6.5kg
· Auto range input voltage 90 – 260VAC

**Optional:**
· COOL 50 water cooling unit
· AVC upgrade kit

**Package includes:**
· Controller
· Power cable
· Connection cable controller / power source
· USB stick, 1GB

**COMPACT SYSTEM TIGTRONIC COMPACT (AUTO RANGE)**                     **1.3.0205**
Portable compact system, based on the inverter TETRIX 200 auto range with
integrated TIGTRONIC ORBITAL 4 Controller.

Dimensions (L x W x H):      624 x 298 x 480mm
Weight:                      24kg
Technical date:              as inverter TETRIX 200

**Package includes:**
· Compact system
· Power cable
· USB stick, 1GB

**Optional:**
· COOL 50 water cooling unit, flange mounted
· Upgrade kit AVC

**AVC UPGRADE KIT FOR TIGTRONIC CONTROLLERS**                         **1.3.0031**
· Additional integrated AVC card incl. software upgrade for welding in
  conjunction with wire feed and AVC



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