ORBITEC®

Item number

BASIC² TIGTRONIC

BASIC 2:
· OSK
· OSW
· TURN
· RBK
· (AVC)

TIGTRONIC BASIC 2 CONTROLLER

Low-cost, compact microprocessor-based orbital controller for applications with open-frame weld heads, enclosed weld heads, tube-to-tube-sheet weld heads and turn tables. The controller is based on our reliable, tried and tested Tigtronic Orbital controller. Can be used with Tetrix 200 or Tetrix 351.

1.3.0200

· 5.7" display, fixed
· Simple, multilingual operator guidance due to automatic programming of welding
  parameters: tube outside diameter, wall thickness and weld head code
· Monitoring of gas- and water-cooling
· Options for 6-level programming, continuous or in step-mode
· Simple tuning of auto-calculated parameters
  (individual level or button for overall percentage)
· Graphic display of the welding progress
· Real-time monitoring of the welding parameters
· Integrated daily weld counter (assignment to isometrics and weld joint numbers)
· Storage of up to 99 welding programmes
· Data storage of up to 400 actual values
· Software updates possible
· Programme for error tracking
· Option for connecting a remote control
  (Note: The controller can also be operated using the integrated display)
· Connections for oxygen analysers
· Data transfer of set/actual-values as well as welding programmes via
  USB interface
· Compact and lightweight with outer dimensions of
  (L x W x H) 340 x 295 x 150mm and a weight of only 5.5kg
· Auto range input voltage 90 – 260VAC

Optional:
· Cool 50 water cooling unit
· Upgrade kit AVC

Package includes:
· Controller
· Power cable
· Interface cable for controller / power source
· USB flash drive, 1GB

BASIC 3:
· OSK
· OSW
· TURN
· ORBIFEED
· RBK
· (AVC)

TIGTRONIC BASIC 3 CONTROLLER

Specifications as per BASIC 2
· Additional servo PCB for wire feed

1.3.0201

TIGTRONIC BASIC 4 CONTROLLER

Specifications as per BASIC 3
· With special software **only** for tube-to-tube-sheet weld heads RBK

1.3.0204

BASIC 4:
· RBK
· (AVC)

Package includes for BASIC 2/3/4:
· Controller
· Power cable
· Interface cable for controller / power source
· USB stick, 1GB