

# Migatronic TIG ERGO

## - new ergonomically designed welding hoses



*Continuous control of the welding current with one finger on the control knob allows control of critical functions during the welding operation.*

Being a total supplier of welding equipment, Migatronic also develops and produces welding hoses. Quality demands increase as welding technology improves the possibility of communication between torch handle and welding machine and as the individual welders increase their expectations for operational comfort, ergonomics and user-friendliness. The latest result of this development is a complete range for TIG welding: the Migatronic TIG ERGO welding hoses.

The new range of TIG welding hoses consists of four families: the aircooled TIG 101, TIG 201 and TIG 301 and the watercooled TIG 301, 401 and 451. From the small, lightweight TIG 101 to the TIG 451 which is designed for high performance TIG welding with high duty cycle and up to 400A DC welding current.

The 50 variants differ in current intensity, flexible torch body, length of cable (4 or 8 m). 6 or 7 pole plug and choice of built-in control unit in the torch handle.

### Handle with softgrip

In the new design, ergonomics, flexibility and reliability have been brought into focus.

The torch handle is available in two sizes, both of which have ball and socket joint relief and softgrip on the sides of the handle for safe, pleasant grip.

The first 80 cm of the cable from the handle has a leather cover which, combined with the ball and socket joint relief, gives op-

timum flexibility, even in difficult to access places. At the same time the leather cover increases the wearability of the welding hose.

The Migatronic TIG ERGO range has been developed for two optional control units: a keypad unit or a unit with both keypad and control knob that allows communication of current control directly from the torch handle to the welding machine. You make the choice upon purchase of the welding hose but the unit is easily replaced later.



*Cable connector for watercooled TIG 321/401/451 welding hose.*



*cable connector for watercooled TIG 301 welding hose.*



*Cable connector for aircooled TIG 101/201 welding hose.*



*Cable connector for aircooled TIG 221 welding hose.*

### MIGATRONIC ABBREVIATIONS

**TIG 201** = Model

**HD** = Heavy duty

**R** = Control for Migatronic TIG machines (Dialog)

**FLEX** = Flexible torch body

**8 m** = Length

**RH** = Horizontal regulation

**RV** = Vertical regulation

# Configurable control

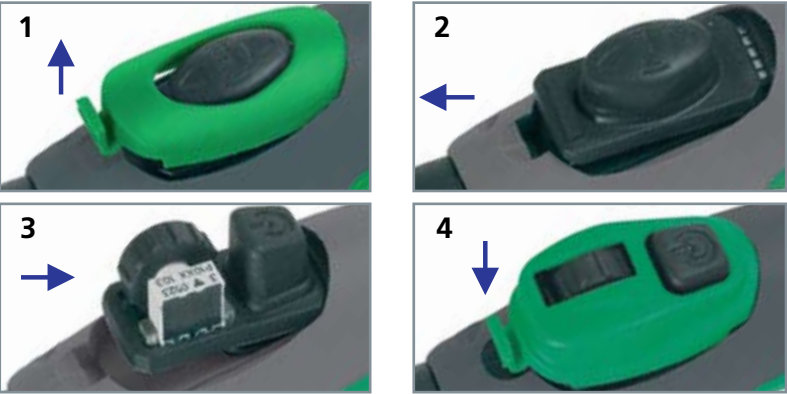


A Migatron TIG welding hose is equipped with an easily replaceable control unit on the torch handle.

As standard the control unit consists of a keypad unit but for use on Migatron TIG machines, we recommend a control unit with both keypad unit and control knob.



7/6 pole adaptor, 80300116



6 pole plug	7 pole plug
MTA	Pilot
MDU	Navigator*
MTE	Commander*
TDE	BDH Puls Sync
LTE	Tripple
LDH	
BDH Tripple	

\* All Navigator and Commander MK III as of 1996.



80300102  
Blank cover.  
For use with e.g. foot switch.

80300100  
Keypad unit

80300101  
Keypad unit with vertical TIG  
control knob (RV).

80300130  
Keypad unit with horizontal  
TIG control knob  
(RH).  
Applicable for most Migatron  
machines