

Ignis 150/180 TIG

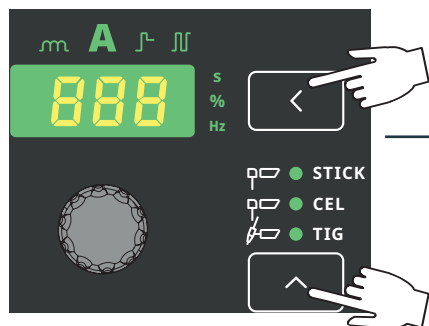
Quick Guide



Safety

Before carrying out any work with the device, ensure that you have read and understood all the documents provided as well as those available online! This document does not describe all the functions of the device. For a complete description of the device, refer to the Operating Instructions.

Welding settings



Setting values:

- ⇒ Dynamic: 0 - 100 | Factory setting = 20
- ⇒ Welding current: TP 150 = 10 - 150 A / TP 180 = 10 - 180 A (STICK), 10 - 220 A (TIG)
- ⇒ SoftStart / HotStart function: 30 - 200 % | Factory setting = 130 %
- ⇒ Pulse welding: OFF / 0.5 - 990 Hz | Factory setting = OFF

Available welding processes:

- ⇒ STICK MMA welding
- ⇒ CEL MMA welding with Cel electrode
- ⇒ TIG TIG welding



Operating Instructions



<https://manuals.fronius.com/html/4204260515>



Accessing the setup menu



Setup menu
MMA welding

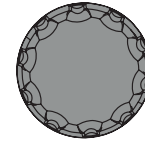


Setup menu
Cel electrodes



Setup menu
TIG

Changing welding parameters



Turn and press the adjusting dial to
select and change parameters.

Parameters for MMA welding

- Ht_i** Starting current duration: 0.1 - 1.5 seconds | 0.5 seconds*
- As_t** Anti-stick: On* / OFF
- St_r** Start ramp: On* / OFF
- U_{co}** Break voltage: 25 - 90 V | 45 V*
- FAC** Factory setting
- 2nd** Level 2 Setup menu

Welding parameters in the level 2 Setup menu

- SOF** Software version
- tSd** Automatic switch-off: 5 - 60 minutes / OFF*
- FUS** Fuse: 230 V = 10 A, 13 A, 16 A* /
120 V = 15 A, 16 A, 20 A*
- So_t** Operating time: hours, minutes, seconds
- SAt** Welding time: hours, minutes, seconds

Parameters for TIG welding

- Er_i** Operating mode: OFF / 2-step* / 4-step
- 1-5** Starting current: 1 - 200 % | 50 %*
- 1-2** Reduced current: 1 - 200 % | 50 %*
- 1-E** Final current: 1 - 100 % | 50 %*
- GPo** Gas post-flow time: 0.2 - 25* seconds
- Comfort Stop sensitivity:
CS5 TP150 = OFF / 0.6 - 3.5 V | 1.5 V*
TP180 = OFF / 0.6 - 3.5 V | 1.5 V*
- U_{co}** Break voltage: 10 - 45 V | 35 V*
- tAC** Tacking function: OFF* / 0.1 - 5.0 seconds
- FAC** Factory setting
- 2nd** Level 2 Setup menu

*factory setting