

Ignis 150/180

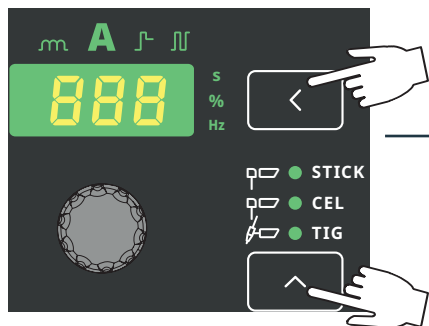
Quick reference







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:

- ⇒  Arc-force 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: 1 - 200% | factory setting = 130%
- ⇒  Pulse welding (only available for MMA 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/4204260512>



Accessing the setup menu



↓
Setup menu
MMA welding



↓
Setup menu
Cel electrodes



↓
Setup menu
TIG

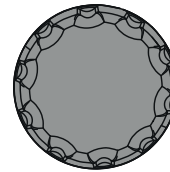
Parameters for MMA welding

- Ht1** Starting current duration: 0.1 - 1.5 seconds | 0.5 seconds*
- ASt** Anti-Stick: On* / OFF
- StR** Start ramp: On* / OFF
- Uco** Break voltage: 25 - 90 V | 45 V*
- FAC** Factory setting
- 2nd** Level 2 Setup menu

Parameters for TIG welding

- CSs** Comfort Stop sensitivity:
TP150 = OFF / 0,6 - 3,5 V | 1,5 V*
TP180 = OFF / 0,6 - 3,5 V | 1,5 V*
- Uco** Break voltage: 10 - 45 V | 35 V*
- FAC** Factory setting
- 2nd** Level 2 Setup menu

Changing welding parameters



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

Welding parameters in the level 2 Setup menu

- S0F** 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*
- SoE** Operating time: hours, minutes, seconds
- SAt** Welding time: hours, minutes, seconds

*Factory setting