

QSet™ - Stable short arc in no time

QSet™ is a built-in function in the M32, MA24, U6 and U8₂ panels which provide an unique way of setting welding parameters in short Arc.

Simply set the wire feed speed and the QSet™ will automatically select the correct welding parameters for the required wire/gas combination. QSet™ does this for all valid gas and wire combinations, CO₂ and MIG Brazing alike and without any need of synergic lines.

QSet™ is a new quick way to obtain optimised welding parameters for the best quality weld. Spatter is reduced to a minimum.

It is simple and straightforward to set a new working point with QSet™. Only change wire feed speed to match the required welding power and then QSet™ will select all other parameters for an optimised welding result in the whole short arc area.

QSet™ will be the welders best help to quickly and with the best quality set new welding parameters with a one knob setting.

The first start with a new wire type with a matching gas type QSet™ will learn to set all necessary parameters. After this first start QSet™ will remember the data to make good starts.

QSet™ can also run in spray arc area, with an increased voltage trim setting. To weld with pure spray arc, just disconnect the QSet™. All settings are inherited from the QSet™ except for the voltage setting which must be adjusted.



MMC functions

- CC/CV
- Digital meter
- 3 memories
- 2-4 stroke
- QSet™
- Inductance setting
- Manuel Gas purge and wire feeding
- Remote control
- Spot welding

Applications



Origo™ Mig C3000i, MA24 and U6



Caddy® Mig C200i



Origo™ Feed 3004/4804, MA24, Aristo® Feed 3004/4804 U6

Customer benefits

- **No need for synergic lines**
 - Change gas and wire type without any need of changing setting on the machine.
- **Constant Arc**
 - Good adaptation to changes in contact tip distance
 - Constant penetration during welding.
- **One knob control**
 - Simple setting - Set only wire feed speed, all other parameters automatically set by control system.
 - Easy to find optimised "welding parameter" application data.
 - Faster set-up time (only need to set wire feed speed).
 - It is still possible to modify heat and arc length by the voltage trim.
- **One knob control (remote)**
 - Easy to change parameters during welding and keep the optimised welding parameter.
- **Increased stability of Arc**
 - Less spatter gives minimised after treatment.
 - Easier to use in the globular area - less spatter.
- **MIG brazing**
 - Alternative to pulsed welding and minimised spatter with a low heat input.
- **Welding with CO₂ gas**
 - Easy to find optimised "welding parameters" application data. Enables the best CO₂ characteristic.