

/ Perfect Welding / Solar Energy / Perfect Charging



TRANSPOCKET 180

/ STICK & TIG DC portable welding

TransPocket 180
STICK & TIG

EASY TO USE

- / Single knob operation
- / Easy to read 7-segment Dot matrix display
- / Display is protected from any damage

LIGHT & PORTABLE

- / Only 19.6 lbs (8.9 kg)
- / Carrying strap

RUGGED DESIGN

- / High impact resistance
- / Integrated dust filter
- / Raised feet prevent water penetration
- / Designed for rough environments

DESIGNED WITH THE FUTURE IN MIND

- / The new device generation is ready for future innovations. New software versions, special processes and system information can easily be applied.



INCLUDED FEATURES

- / Anti-Stick - Allows operators to safely remove the electrode from the work piece after making contact
- / The TP 180 includes operating modes designed specifically for Basic 7018 and Cellulose 6010. The maximum electrode size is 5/32
- / Hot Start and Soft Start function makes it easier to ignite cellulose 6010 and basic 7018

MAXIMUM EFFICIENCY

- / The new TransPocket series stands for maximum energy efficiency. Lower energy consumption means lower energy costs.
- / PFC (Power Factor Correction), enables the use of extremely long power leads with lower losses and improved generator compatibility. This massively expands the action radius for the welder.
- / Time ShutDown function, short tSd, switches off the power supply after a user-specified time window, saving energy. This leads to the most energy-efficient use of the device.



TransPocket 180

/ Order Information

	Equipment	Package #	Description
<input type="checkbox"/>	STICK Package*	49,0400,0002	TransPocket 180 MV, 13 ft electrode cable, 13 ft ground cable, mains cable (110 and 230), PowerBox portable carrying case
<input type="checkbox"/>	TIG / STICK Package**	49,0400,0005	TransPocket 180 MV TIG, 13ft electrode cable, 13 ft ground cable, 13 ft air cooled TIG torch, mains cable (110 and 230), flowmeter with gas adapter, Power Box portable carrying case

The TIG / STICK package 49,0400,0005 is equipped with: an integrated gas solenoid valve, TIG pulsing, TAC tacking function and TMC (TIG Multi Connector) connection. The TransPocket 180 TIG is also designed for welding currents up to 220 A.

* Stick welder is also capable of TIG when you add a check valve TIG torch (no pulsing features) (Lift Arc only)

** TIG / Stick welder also capable of stick welding

Technical Data

Key Specs	
Weight	19.3 lbs
Open Circuit voltage	101 V
Safety Seals	UL, CSA*

*Please note that each package will carry either the CE or CSA/UL certification.

Mains Voltage	1 x 120 Vac (-15% / +15%)	1 x 110 Vac (-15% / +15%)	1 x 230 Vac (-15% / +15%)
Max Fuse protection	20A or less (slow-blow)	15A or less (slow-blow)	16A or less (slow-blow)
Max power	3.48 kVA	2.28 kVA	5.75 kVA
Voltage range - Stick	20.4 - 27.2 V	20.4 - 27.2 V	20.4 - 27.2 V
TIG	10.4 - 18.8 V	10.4 - 18.8 V	10.4 - 18.8 V
Current range - Stick	10 - 120 A	10 - 85 A	10 - 180 A
TIG	10 - 170 A	10 - 140 A	10 - 220 A
Duty Cycle (104 F)	40% - 60% - 100%	40% - 60% - 100%	40% - 60% - 100%
Stick	120 100 90	85 70 65	180 150 120
TIG	170 130 100	140 110 100	220 160 130



Power Box carrying case



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THREE BUSINESS UNITS, ONE GOAL: TO SET THE STANDARD THROUGH TECHNOLOGICAL ADVANCEMENT.

What began in 1945 as a one-man operation now sets technological standards in the fields of welding technology, photovoltaics and battery charging. Today, the company has around 3,800 employees worldwide and 1,242 patents for product development show the innovative spirit within the company. Sustainable development means for us to implement environmentally relevant and social aspects equally with economic factors. Our goal has remained constant throughout: to be the innovation leader.

Further information about all Fronius products and our global sales partners and representatives can be found at www.fronius.com

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