

/ Perfect Welding / Solar Energy / Perfect Charging



TRANSPOCKET 180

/ STICK & TIG DC Portable Welding



EASY TO USE

- / Single dial parameter adjustment
- / Inset Display is protected from any damage
- / Easy to read 7-segment dot matrix display for outdoor use

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
- / IP23 rated

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 or updated.

INCLUDED FEATURES

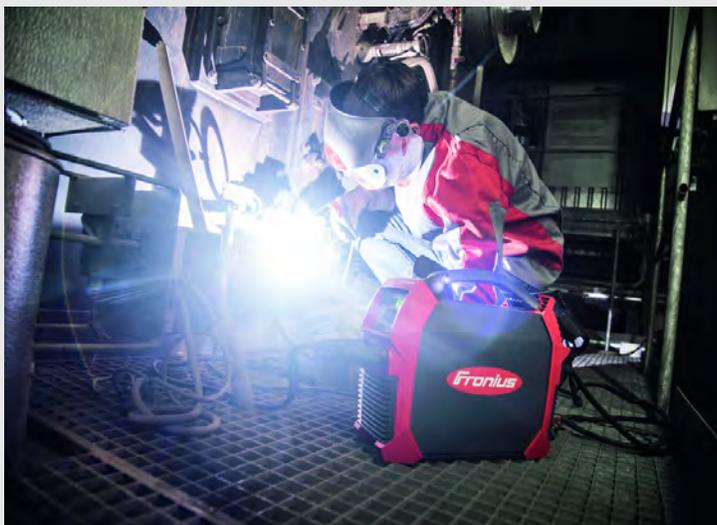
- / Anti-Stick - for safe removal by the operator of a stuck stick electrode to the work piece
- / The TP 180 includes operating modes designed specifically for Basic, Rutile and Cellulose. The maximum electrode diameter size is 5/32"
- / Hot Start and Soft Start function makes it easier to ignite cellulose 6010 and basic 7018

MAXIMUM EFFICIENCY

/ The new TransPocket series stands for maximum energy efficiency along with lower energy consumption meaning 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 operating radius for the welder.

/ Time ShutDown function (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.



TECHNICAL DATA

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



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	120A 100A 90A	85A 70A 65A	180A 150A 120A
TIG	170A 130A 100A	140A 110A 100A	220A 160A 130A



STICK



TIG



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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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AODA Compliance Statement

Fronius will make written information and other forms of communication material accessible upon request.

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