

TRANSTIG 1750 PULS

/ TIG & MMA welding



/ The TransTig 1750 Puls is small, rugged and fully digitised. Weighing only 9.1 kg (20.17 lb), this TIG-DC power source is ideal for portable use under tough site-erection conditions or out in the field. The microprocessor controls the welding power source, delivering results such as an extremely stable arc and 100 % reproducible welding properties. The power source is suitable for use in applications up to 170 A.

/ Digitally controlled TIG welding system

/ Small, portable, robust

/ Output up to 170 A



/ The TransTig 1750 Puls is totally digitised, so it delivers high-precision welding results.



/ Lightweight and portable, and so right at home on every worksite.

FACTS

STRAIGHTFORWARD OPERATING CONCEPT

/ A welding power source that is quick and easy to operate.

PULSED-ARC MODE

/ Less heat input in TIG welding, better gap bridgeability and superb seam appearance.

SPOT-WELDING FUNCTION

/ Welding interval can be set with 1/10th-second precision, for consistent, unvarying weld-spots.

TAC

/ Quick and easy tacking made possible by pulsating arc, in one operational step.

HF IGNITION

/ Touchless, damage-minimising high-frequency ignition ensures that there are no tungsten-inclusions in sensitive applications.

TECHNICAL DATA

| TRANSTIG 1750 PULS | | |
|--|-------------------|---|
| Mains voltage, 50 – 60 Hz | +15/-20 tolerance | 1 x 230 V |
| Primary continuous current 100 % DC | | 14,7 A |
| Welding current range | TIG | 2 – 170 A |
| | MMA | 10 – 140 A |
| Efficiency at 120 A | | 84 % |
| Welding current at 10 min/40°C (104°F) | 35 % DC | 170 A |
| | 100 % DC | 120 A |
| Welding current at 10 min/25°C (77°F) | 100 % DC | 145 A |
| Standardised working voltage | TIG | 10.1 – 16.8 V |
| | MMA | 10.3 – 25.6 V |
| Open-circuit voltage | | 93 V |
| Ignition voltage (Up) | | 9 kV |
| Degree of protection | | IP 23 |
| Weight | | 9,1 kg (20.17 lb) |
| Dimensions L x W x H | | 430 x 180 x 280 mm (16.9 x 7.1 x 11 in.) |



/ Battery Charging Systems / Welding Technology / Solar Electronics

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/ Whether Battery Charging Systems, Welding Technology or Solar Electronics - our goal is clearly defined: to be the technology and quality leader. With more than 3,000 employees worldwide, we shift the limits of what's possible - our 650 active patents are testimony to this. While others progress step by step, we innovate in leaps and bounds. Further information about all Fronius products and our global sales partners and representatives can be found at www.fronius.com.



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