



## TECNICA 190TIG/MMA DC LIFT VRD PL.C.CASE



### Overview

#### TECNICA 190TIG/MMA DC LIFT VRD PL.C.CASE

cod. 816220

TIG (LIFT striking) and MMA inverter welding machine in direct current (DC).

Use with a wide range of materials such as steel, stainless steel, titanium, copper, nickel and their alloys.

The Voltage Reduction Device (VRD) is used to decrease the output voltage to a safe level when the welding machine is on but not in welding conditions. This grants the operator's safety: he can come into contact with the electrode without risks, until welding operations are resumed. (for use in damp environment such as mines or shipyards, etc.).

Features:

- compact and light
  - display to check welding current
  - MMA regulations: arc force and hot start
  - MMA electrodes: rutile, basic, stainless steel and cast iron
  - thermostatic, overcurrent, overvoltage, undervoltage, motorgenerator (+/-15%) protections.
- Complete with TIG and MMA welding accessories and plastic carry case.

### Technical data

<b>CODE</b>	CODE 816220	<b>V<sub>0</sub></b>	MAX NO LOAD VOLTAGE 78 V	<b>η</b>	EFFICIENCY 86 %
<b>V<sub>1PH</sub></b>	SINGLE PHASE MAINS VOLTAGE 230 V	<b>A<sub>MAX</sub></b>	MAX ABSORBED CURRENT 29 A	<b>φ</b>	POWER FACTOR (cosphi) 0,7
<b>F</b>	MAINS FREQUENCY 50 / 60 Hz	<b>A<sub>MAX</sub><sup>60%</sup></b>	ABSORBED CURRENT AT 60% - MAX 17 A	<b>∅<sub>DC</sub> MIN/MAX</b>	D. USABLE ELECTRODES IN DC 1,6 - 4 mm
<b>A<sub>MIN</sub> A<sub>MAX</sub></b>	CURRENT RANGE 10 - 170 A	<b>P<sub>MAX</sub></b>	MAX ABSORBED POWER 4,4 kW	<b>IP</b>	PROTECTION DEGREE IP23



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%USE (20°C USE) 88% - 150A



ABSORBED POWER AT 60% 2,6 kW



DIMENSIONS 38 - 42 - 17 cm



MAX CURRENT 160 A - 20 %



MOTORGENERATOR MINIMUM POWER  
6 kW



WEIGHT 9,4 kg



CURRENT AT 60% 110 A



MAINS FUSE 16 A

(\*)%USE:DATUM CREATED BY TELWIN,

### Included Accessories



DALLAS 300 ELECTRODE HOLDER 300A - 712260



ST9V TIG TORCH 4 M - 722563



GAS REGULATOR REFILLABLE BOTTLE - 722341



TOLEDO 250 WORK CLAMP 250A - 712030