



## TECNICA 190 TIG/MMA DC LIFT VRD



### Overview

#### TECNICA 190 TIG/MMA DC LIFT VRD

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/MMA welding accessories and plastic carry case.



1 PH 230V



CE MARKING



EAC CERTIFICATION

### Technical data

<b>CODE</b>	CODE 816220	<b>A<sub>60%</sub></b>	DC CURRENT 110 A	<b>P<sub>MIN GEN</sub></b>	MOTORGENERATOR MINIMUM POWER 6 kW
<b>V<sub>1PH</sub></b>	SINGLE PHASE MAINS VOLTAGE 230 V	<b>V<sub>0 DC</sub></b>	MAX NO LOAD VOLTAGE 78 V	<b>FUSE</b>	MAINS FUSE 16 A
<b>F</b>	MAINS FREQUENCY 50 / 60 Hz	<b>A<sub>MAX</sub></b>	MAX ABSORBED CURRENT 29 A	<b>η</b>	EFFICIENCY 86 V
<b>A<sub>MIN MAX DC</sub></b>	CURRENT RANGE 10 - 170 A	<b>A<sub>60%</sub></b>	ABSORBED CURRENT AT 60% - MAX 17 A	<b>φ</b>	POWER FACTOR (cosphi) 0,7



## TECNICA 190 TIG/MMA DC LIFT VRD



%USE (20°C USE) 88% @ 150A %



MAX ABSORBED POWER 4,4 kW



D. USABLE ELECTRODES IN DC 1,6 - 4 mm



MAX CURRENT DC (EN 60974-1) 160 @ 20 % A



ABSORBED POWER AT 60% 2,6 kW

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

### Included Accessories

CABLE 25 MMQ 3 M PLUG ATLAS 25 - 124466



DALLAS 300 ELECTRODE HOLDER 300A - 712260

PLASTIC CARRY CASE - 322800



GAS REGULATOR REFILLABLE BOTTLE - 722341



TOLEDO 250 WORK CLAMP 250A - 712030

ST9V TIG TORCH AX25 4M - 722563