



MASTERWELD

MasterWeld 302 MiniMIG 300 Amp Inverter Multi Process MIG/MMA/Lift TIG

The **MasterWeld 302 Digital Inverter** is a Multi-Process 300 amp Compact micro-processor controlled machine offering **exceptional welding characteristic** in the MIG welding process in a whole variety of materials from Mild Steel, Aluminium, Stainless Steel, MIG brazing and much more.

Features

- Takes full 15kg spools
- Hot start and crater fill control
- Arc inductance control for hard or soft arc
- **Full synergic control** of all welding parameters
- IGBT inverter power source - **very economical** to run
- Digital creep start control for **perfect arc ignition** every time
- Micro-processor controlled - **100% reproducible results** every time
- **Very lightweight** (only weighs 22kg) - **yet powerful** (300 amps @ 60% duty cycle on MIG)
- **A truly multi-process machine** with added features in each welding process (MIG/MAG, MMA, TIG)
- Incorporates MAC (MasterWeld Arc Control) for **highly stable** MIG/MAG characteristics and **excellent weld appearance**



Technical Data

Length (mm)	560
Diameter (mm)	280
Height (mm)	390
Weight (kg)	21
Insulation Class	H
Protection Rating	IP23S
Cooling	AF: Air-over Cooling (fan assisted)
Maximum Gas Pressure	0.5 MPa (5 bar)
Motor Speed	1.0 - 20.0 m/min
Wire Spool Dimension (mm)	300
Wire Spool Weight (kg)	15
MMA Static Characteristic	Drooping
TIG Static Characteristic	Drooping
MIG/MAG Static Characteristic	Flat
Mains Protection	16 A Delayed
Supply Voltage	3 x 400 Va.c. \pm 15 % / 50-60 Hz
Conformity Markings	Compliant with European directives in force (CE)
	Suitable in an environment with increased hazard of electric shock
	Compliant with directive 2002/96/EC-(WEEE)
	Compliant with directive 2011/65/EU-(RoHS)
Construction Standards	EN 60974-1 EN 60974-5 EN 60974-10 Class A
Directives Applied	2002/96/EC-Waste electrical and electronic equipment (WEEE)
	2004/108/EC-Electromagnetic compatibility (EMC)
	2006/95/EC-Low voltage (LVD)
	2011/65/EU-Restriction of the use of certain hazardous substances (RoHS)



The wind tunnel design protects the internal components from welding dust and spatter

Your local distributor



www.masterweld.co.uk