

TIG Inverter Rectifier Pontig 4001 AC/DC MOST



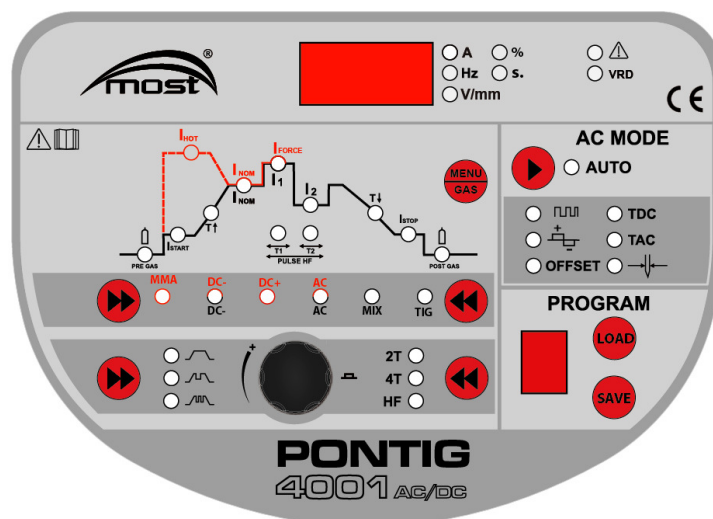
Pontig 4001 AC/DC MOST cutting edge inverter rectifiers for TIG DC welding of steel, stainless steel, TIG AC aluminium welding and MMA coated electrode welding. It is an effective industrial equipment electrically powered by 3x400 V.

Main applications:

- Food industry and stainless steel installation welding.
- Structures made of aluminium, adverts, scaffolding.
- Chemical industry and pipelines.
- Crafting, manufacturing items of lightweight steel, stainless steel and copper alloys.
- Yacht construction, rigging welding, etc.
- Surfacing and regeneration of all metals.



Control panel equipped with display presents welding process functions. Parameter setting is executed with single knob used both for choosing and confirming functions or values.



TIG DC welding is performed with a direct or pulsating current of up to 3000 Hz. Additional settings improving the weld quality or welding speed are available for TIG AC aluminium welding with alternate current. MMA method offers VRD safety function for reducing idling voltage to 12 V.

Pontig 4001 AC/DC allows you to set all additional functions required for professional TIG welding. (gas pre/post flow, current rising, crater filling, etc.)

These devices can work with different types of liquid-cooled or gas-cooled welding torch after switching off the cooling unit (setting of internal menu) also if liquid connections at the front of the cooling unit were bridged.

Technical parameters:

Parameter	Unit	Pontig 4001 AC/DC		
Electrical power supply	V/ Hz	3x400/ 50-60		
Power fluctuations tolerance	%	+/- 15		
Welding current range/Work cycle TIGDC / TIG AC / MMA	A /%	10-350		
		350A/35%	350A/40%	350A/35%
		270A/60%	300A/60%	270A/60%
		220A/100%	265A/100%	280A/100%
Idling voltage (MMA) U0	V	70		
Network protection	A	25 (delayed)		
Current Ieff	A	16,0		
Current I1max	A	28,5		
Insulation class		H		
Protection class		IP 23S		
Dimensions (current source)	mm	655x275x385		
Dimensions for power source + radiator + transport trolley	mm	1025x410x870		
Weight (electrical power supply)	kg	27		
Weight for electrical power supply + radiator + transport trolley	kg	79		
Aerocool 30 cooling unit				
Electrical power supply (from Pontig current source)	V/Hz	3x400/ 50-60		
Power P	kW l/min	0,9		
Max. pressure	bar	3,5		
Tank capacity	l	5		
Dimensions	mm	665x254x285		
Weight	kg	21		
Catague no.	Pontig 4001 AC/ DC	52 00 005560		

Equipment:

Each device is supplied with a mass cable, a gas hose and a manual booklet. Pontig 4001 AC/DC is factory equipped with cooling unit and transport trolley.

Additional welding guns/holders and accessories (optional):

Welding torch (gas). TIG T26 SGRIP 4 m	56 01 032628
Welding torch (gas). TIG T26 SGRIP 8 m	56 01 032630
Welding torch (water) TIG T20 SGRIP 4 m	56 01 032636
Welding torch (water) TIG T20 SGRIP 8 m	56 01 032637
Welding torch (water) TIG T18 SGRIP 4 m	56 01 032632
Welding torch (water) TIG T18 SGRIP 8 m	56 01 032633
Remote control (manually operated) 56207 10 m	52 00 005499
Remote control (foot-operated) 06034	52 00 005498

Warranty: 24 months