

# ArcMaster® 300 TS



3  
PHASE

50  
60  
Hz

INVERTER

380  
415  
V

DC

CC

300  
AMP

**NEW**



**Tough, Compact . . . and Portable**

**ArcMaster® 300 TS power source comes with:**

- Power cord
- 2 x dinse 50mm plugs
- Operating manual

**GOLD WARRANTY**  
3 Year\*

## Quick Specifications

### Processes

STICK (SMAW)  
TIG (GTAW) Lift, HF & Pulse  
MIG (GMAW)\*\*  
Flux Cored (FCAW)\*\*  
Air Carbon Arc Gouging (CAG)

### Industrial Applications

Maintenance & repair  
Industrial manufacturing  
Construction

### Input Voltage

380/415 VAC 3 Phase

### Input Frequency

50/60 Hz

### Rated Output @ Duty Cycle

300A/22V@40% (40°C)  
300A/22V@50% (25°C)  
300A/32V@40% (40°C)  
300A/32V@50% (25°C)

### Output Range

5-300A

### Weight

46.2 lb (21 kg)

### Approvals

IEC60974-1; IP23S CSA (pending)

### Order Information

**Part No:** 10-3097

**Description:** ArcMaster 300 TS

### Excellent Performance!

Embedded microprocessor with digital controls, delivering perfectly smooth, stable arc characteristics for E6010 Cellulose and low hydrogen electrodes.

**Smart Logic®!** Prevents damage to the internal components if installed to improper voltage.

**Thermal Overload Protection!** Indicator alerts the operator if duty cycle is exceeded or airflow is blocked.

**Easy to use!** Simple, user friendly set-up and operation.

**Twist Lock Output Terminals!** Allows for easy polarity changing and cable connection.

**Remote Receptacle Fitted!** Allows remote devices to be connected for controlling amperage and output contactor.

**Smart Warning Diagnostics!** Alerts operator to power supply abnormalities.

**Rack Systems!** Available in 4, 6 and 8 pack packages with electricals.

### Standards Compliant Integrated

**VRD!** Voltage Reduction Device reduces the OCV when the power supply is not in use. This all but eliminates the risk of electric shock to the operator from the secondary welding circuit.

**Job Save & Load!** Allows operator to store up to 5 exact optimized welding parameters then digitally recall them with perfect repeatability.

**Lift Start TIG!** Provides TIG arc starting without use of high frequency.

**Hot Start!** Adjustable Hot Start for optimized starting performance.

**HF Arc Starting!** Non-contact arc starting that eliminates tungsten or material contamination.

**Rapid Pulse Output!** Provides precision control over pulse on/off, pulse frequency, peak % time, background and peak amperage, initial and final slope times, and amperage.

**Intelligent heat sensing fan!** Operates as needed to cool components & reduce airborne contaminants pulled through the power source.

\* Limited warranty. Refer to warranty schedule. \*\* Requires VS 212 set to CC mode.

**THERMAL ARC**

Thermadyne UK  
Tel: (44) 1257 261755 Fax: (44) 1257 224800  
Thermadyne Italia  
Tel: (39) 02 36546801 Fax: (39) 02 36546840

Thermadyne Deutschland  
Tel: (49) 2663 915666 Fax: (49) 2663 915667  
Thermadyne Nederland  
Tel: (31) 23 561 4182 Fax: (31) 23 565 5074

www.thermalarc.com  
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