

# ArcMaster® 175 SE



1 PHASE

50/60 Hz



230 V

CC

DC

175 AMP

**NEW INVERTER**

**GOLD WARRANTY**  
*2 Years*

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

## Quick Specifications

### Processes

STICK (MMA)  
TIG (GTAW) LIFT

### Industrial Applications

Maintenance & Repair  
Process piping  
Food - dairy & beverage industry  
Utility & Farm  
Home Application

### Input Voltage

230 VAC 1 Phase

### Rated Output

175A@27V 20% Duty Cycle - Stick  
175A@17V 20% Duty Cycle - TIG

### Max OCV

65

### Weight

6.5 kg (14.3 lb)

### Order Information

**Part No: W1002903**

Description: ArcMaster 175 SE  
Power source with  
MMA leads & case



### ArcMaster® 175 SE Power source comes with:

- Power cord
- MMA leads with 50mm Dinse plugs
- Carry strap
- Carry case
- Operating manual

**Exceptional Performance!** Smooth stable arc with electrodes to 4mm (5/32").

**Excellent Portability!** Weighs less than 6.5 kg (14.3 lb) and has easy to carry shoulder strap.

**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.

### Cable fitted!

Supplied with 230VAC primary cable.

**50mm Output Terminals!** Allow for easy polarity reversal and cable change.

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

## Features

Easy to carry with shoulder strap & only weighs 6.5 kg (14.3 lb).



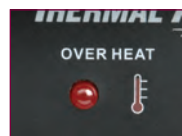
Power on indicator.



Process switch:  
STICK &  
Lift-Start TIG function.



Over temperature indicator.



Adjustable manual amperage control.



Twist lock 50mm dinse output terminal.



**THERMAL ARC**  
WeldSkill

Thermadyne UK  
Tel: (44) 1257 261755 Fax: (44) 1257 224800  
www.thermadyne.com

Thermadyne Italia  
Tel: (39) 023 6456801 Fax: (39) 023 6456840  
ArcMaster 175 SE Form No.: 9984-2804

# ArcMaster® 175 SE



1 PHASE

50/60 Hz



230 V

CC

DC

175 AMP

## Specifications

### ArcMaster 175 SE

Input voltage	230 VAC 1 Phase
Rated output	175A/27V @ 20% - Stick
@ duty cycle	175A/17V @ 20% - TIG
Output range	5-175A (230V)
Max. OCV	65
Input amps at maximum output, 50/60Hz	40A – 230V - Stick 25A – 230V - TIG
kVA @ 20% duty cycle	9.2 kVA – Stick 5.8 kVA – TIG
Approvals	IEC-60974-1
Primary cable length	3 m (10 ft)



### Dimensions & Weight

Dimensions	HxWxD	230 x 130 x 330 mm (9" x 5.1" x 13")
Weight		6.5 kg (14.3 lb)

## Ordering Information

PRODUCT	PART NO.	DESCRIPTION
ArcMaster® 175 SE	W1002903	Package comes with: ArcMaster 175 SE power source, power cord, MMA leads with 50mm dinse connections, operating manual, carry strap & case
<b>ACCESSORIES</b>		
Carry Case	600304	Accommodates the power supply, regulator, stick work lead, TIG torch & accy. kit
Stick Kit	90924	Work clamp with 10' cable, and stick electrode with 13' cable

## Control Panel

1. Power on Indicator. Visibly indicates that input power is present.
2. Process selection switch. Allows operator to choose output function from "Lift TIG" or "Manual Arc" process.
3. Over temperature indicator. Illuminates if machine duty cycle has been exceeded.
4. Weld current control (Amperage) Allows operator to set output welding amperage.

