



# MT200-AC/DC

## COMPLETE TIG WELDING SYSTEM

FORM MT200

## CREATE, REPAIR & CUSTOMIZE

- High-performance dual voltage inverter for 115V and 220V
- Two dynamic welding modes: GTAW (TIG) and SMAW (Stick)
- Easy-to-use interface allows for quick setting adjustments
- Compact, portable design for use in multiple applications



QUALITY

VERSATILITY

PERFORMANCE



### COMPLETE SYSTEM INCLUDES:

MT200-AC/DC Welding Machine  
CK17 Flex-Head Gas-Cooled TIG Torch  
Super-Flex™ Cables  
with Dinse Connector  
AK-3 Accessory/Consumable Kit  
Ground Clamp  
Single-Flow Regulator  
Power Adapter



*"As a welder of critical aircraft hardware, this machine is extremely easy to use and runs as smooth as our more expensive machines at work."*

*– R. Harper, AIRCRAFT WELDER, 38 YEARS EXPERIENCE*



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# TIG WELD

**INCLUDES: MT200-AC/DC TIG Welding Machine**

## POWER & PERFORMANCE IN A COMPACT DESIGN

The MT200-AC/DC is the answer to both creativity and production driven TIG welding. This innovative TIG welding machine provides the ability to quickly and efficiently adapt to dynamic welding situations, while maintaining the same quality of experience you have come to expect from CK Worldwide.

Its compact portable design allows you to easily tackle any project from fabrication and education to aerospace and nuclear applications. Whether you TIG weld for enjoyment or as a career you will find that the MT200 can help you accomplish your toughest welding challenges.

With background testing performed by production welders and the best TIG welding professionals in the industry the MT200 delivers precision welding in a conveniently packaged system.

### COMPLETE WELDING SYSTEM INCLUDES:

- MT200-AC/DC
- CK17 Flex-Head Torch with 12.5' (3.8m) Super-Flex™ Cables CK17-12-RSF FX
- Dinse Connector SL2-35MT
- AK-3 Accessories/Consumables Kit AK-3
- Foot Pedal Amperage Control
- Ground Clamp with 12.5' (3.8m) Cable
- Single Flow Regulator
- 6' (1.8m) Gas Hose ARH-6
- 220V to 115V Power Adapter



**CK17 FLEX-HEAD TORCH**  
CK-17-12-RSF FX

150 amp ACHF or DCSP @ 100%  
Gas-Cooled  
Length: 8-3/4" (22.2cm)  
Weight: 5 oz. (141gm)



Flexible torch neck for precise positioning

**FOOT PEDAL AMPERAGE CONTROL**

**SUPER-FLEX™ POWER CABLES**  
12.5 feet (3.8m) long

**DINSE CONNECTOR SL2-35MT**

### ACCESSORIES / CONSUMABLES AK-3



3 Cups

3 Collets

3 Collet Bodies

1 Short Backcap

1 Long Backcap

3 Tungsten Electrodes

**GROUND CLAMP**  
12.5 feet (3.8m)

**SINGLE-FLOW REGULATOR**

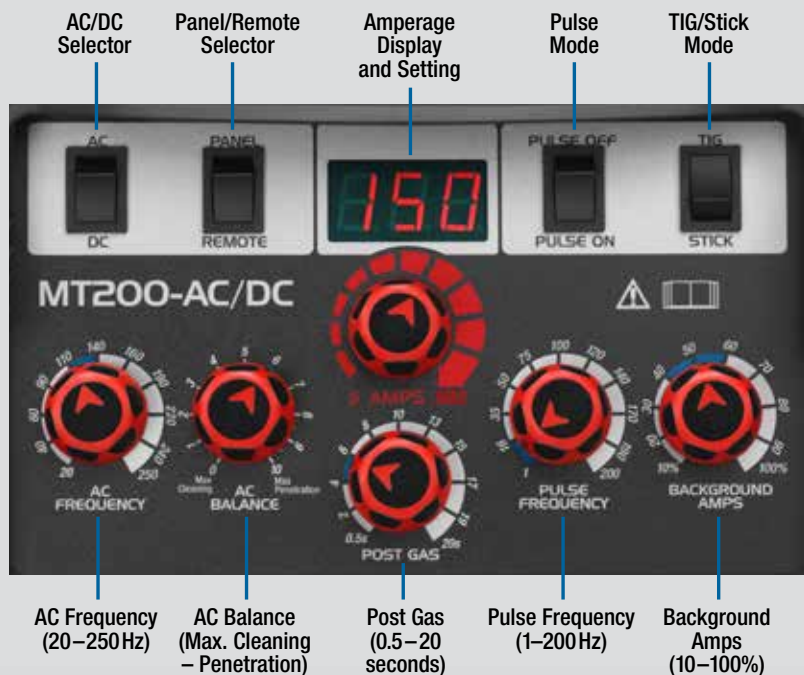
**GAS HOSE ARH-6**  
6 feet (1.8m)



# WELDING SYSTEM

Power Source, Torch, Cables, Accessories & Consumables

## CONTROLS



Advanced technology with an easy-to-use interface, perfect for all welders, from the novice to the master craftsman



## SPECIFICATIONS

Input Voltage	<b>115VAC</b> $\pm 15\%$ , 50/60Hz
	<b>220VAC</b> $\pm 15\%$ , 50/60Hz, single phase
Input Current (I max)	<b>115V:</b> 21 Amps
	<b>220V:</b> 34 Amps
Output Current Range GTAW	<b>115V:</b> 5 – 140 Amps
	<b>220V:</b> 5 – 200 Amps
Output Current Range SMAW	<b>115V:</b> 10 – 110 Amps
	<b>220V:</b> 10 – 160 Amps
Rated Output GTAW	<b>115V:</b> 140A @ 15.6V, 40% duty cycle
	<b>220V:</b> 200A @ 18.0V, 25% duty cycle
Rated Output SMAW	<b>115V:</b> 110A @ 24.4V, 25% duty cycle
	<b>220V:</b> 160A @ 26.4V, 30% duty cycle
Max. Open Circuit Volts	74 volts
Gas Pre-flow	0.5 seconds
Gas Post-flow	0.5 – 20 seconds
AC Frequency	20 – 250 Hz
Pulse Frequency	1 – 200 Hz
Pulse Width	50%
Base Current	10 – 100%
Arc Start	High Frequency
Dimensions	Height: 15 in. (381 mm)
	Width: 8.5 in. (217 mm)
	Length: 20 in. (502 mm)
Weight	32 lb. (14.5 kg)

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# MT200-AC/DC

## COMPLETE TIG WELDING SYSTEM

FORM MT200

*Use the MT200-AC/DC to weld:*

- Aluminum
- Titanium
- Magnesium
- Stainless Steel
- Low Alloy Steel
- Deoxidized Copper
- *And much more!*



REPAIRS



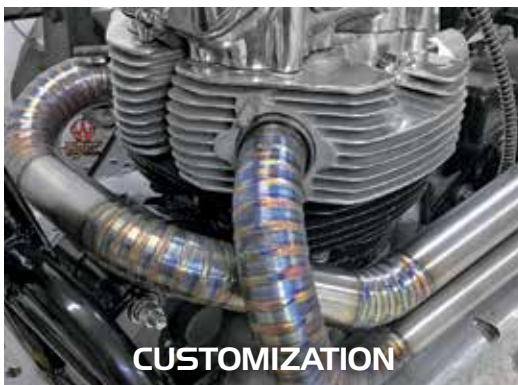
MOTOR SPORTS



OFF ROAD



FABRICATION



CUSTOMIZATION



MARINE



CSA E60974-1



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**CK WORLDWIDE, INC.**

Phone: 1.800.426.0877 Fax: 1.800.327.5038  
P.O. Box 1636, Auburn, Washington 98071 USA

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