



## Turbo-Sharp® X Tungsten Electrode Grinders

An enclosed electrode grinder, which eliminates grinding dust exposure to both the user and the environment.

- Multifunctional cover - Through a slot in the cover, one can flatten the electrode to prepare a truncated cone
- 3 position adjustment for triple lifetime of grinding disc
- Angles adjustable from 20° to 60°
- Both sides of grinding disc coated with diamond-powder, giving double wheel life
- Allows exact repetition of longitudinal grinding
- Can be connected to vacuum system, accessory included with unit
- Can be equipped with an optional head which can grind electrodes of diameter: 0.040" (1.0 mm), 5/32" (4.0 mm), 3/16" (4.8 mm) or 1/4" (6.4 mm)
- Short tungsten kit grinds tungsten as short as 3/4" and includes 0.040" (1.0 mm), 1/16" (1.6 mm) and 3/32" (2.4 mm) collets

Model No.	Mfg. No.	Description	Price /Each
TTT401	TS10	115 V Grinder	
TTT402	TS10-230	230 V Grinder	
821-3707	TS3-W	Replacement Diamond Coated Disc Wheel	
TTT413	TS3-HB	Grinder Head - 0.040" -1/8" (included in TTT401)	
821-3706	TS3-HR	Grinder Head - 0.040" - 5/32", 3/16", 1/4"	
TTT414*	TS3-STK	Short Tungsten Kit	

\* For use with 821-3706 grinder head only

Both side of disc are coated with diamond-powder (double lifetime)



821-3707

### TTT414

Short tungsten kit (Sold separately)

Grinds electrodes as short as 3/4" (19 mm)



Includes: 0.040" (1.0 mm), 1/16" (1.6 mm) and 3/32" (2.4 mm) collets

3 position adjustable head!



Grinding disc last 3x longer!



Turbo-Sharp®



TTT401



### METAL CARRYING CASE INCLUDES:

- Standard head for diameters: 0.040" (1.0 mm), 1/16" (1.6 mm), 3/32" (2.4 mm) and 1/8" (3.2 mm)
- Accessory for stationary mounting
- Adapter for vacuum cleaning
- Pen style electrode holder
- Multifunctional cover
- Tools for assembling and replacement of grinding wheel
- User instructions



### TECHNICAL DATA

**Voltage:** 120 V or 230 V AC  
**Single Phase:** 60 Hz  
**Power:** 400 W  
**Amp:** 3.5 A  
**No load speed:** 30000 RPM  
**Weight:** 3.7 lbs. (1690 g)  
**Guarantee:** 2 years

## MT200-AC/DC TIG Welding System

### CREATE, REPAIR & CUSTOMIZE

- Provides the ability to quickly and efficiently adapt to dynamic welding situations
- 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
- Features square wave technology allowing arc to start as low as 5 amps
- 3-year limited warranty

- **Use to Weld:** Aluminum, Titanium, Magnesium, Stainless Steel, Low Alloy Steel, Deoxidized Copper, and much more!
- **Includes:** CK17 Flex-Head Gas-Cooled TIG Torch with 12.5' Super Flex™ Cable, Dinse® Connector, AK-3 Accessory Kit, Foot Pedal Amperage Control, Ground Clamp with 12.5' Cable, Single-Flow Regulator, 6' Argon Hose, 220V to 115V power adapter



Model No.	Mfg. No.	Input Power Voltage/Phase/Hz	Input Current	Output Current Range		Rated Output		Price Each
				GTAW	SMAW	GTAW	SMAW	
TTV224	MT200-AC/DC	115/1/50/60	21A	115V:	115V:	115V: 140A@15.6V,	115V: 110A@24.4V,	
				5-140 Amps	10-110 Amps	40% duty cycle	25% duty cycle	
		220/1/50/60	34A	220V:	220V:	220V: 200A@18.0V,	220V: 160A@26.4V,	
				5-200 Amps	10-160 Amps	25% duty cycle	30% duty cycle	