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TECHNOLOGIES
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NANO 1000T/ 2000T Manual Polishers



Manual Polishers

- 8 and 10-inch diameter machines
- High torque motor
- Preset speeds for quick speed changes
- Easy to use
- Automated timer control
- User friendly

Features:

1. Variable speed 50-1000 rpm
2. CCW and CW direction control
3. Rapid speed selection (approximately 100, 200, 300 rpm)
4. Timer (count down to zero and turns off) range 1 to 9999 seconds
5. Emergency stop switch
6. Swinging water spout for positioning over the grinding wheel
7. Control access easily accessible at the back of the machine -designed for multiple voltage requirements (preset at factory to 110V or 220V).
8. 1 hp (750W) high torque motor
9. Splash guard and cover
10. Electrical connections for FEMTO1100 Autopolishing head
11. Post sleeve in casting for addition of power head.

**Easy to Use
Economical
Powerful
Reliable
Robust**

Grinding/Polishing:
-Metals
-Ceramics
-Polymers
-Composites
-Aerospace
-Electronics
-Biomaterials

Single and Double Wheel Polishers



Polisher Accessories

Description	8-inch	10-inch
Working wheel - hard coat anodized	PW-800A	PW-1000A
Plain-backed paper ring	PTM-125-0005	PTM-125-006
Splash guard	PTM-125-0001	PTM-125-0001
Cover	PTM-125-0007	PTM-125-0007

Technical Specifications:

NANO 1000T Features	NANO 1000T Features	NANO 2000T Features
Working wheels	8 and 10-inch diameter	8 and 10-inch diameter
Number of stations	Single wheel	Double wheel
Speed	Variable 50-1000 rpm	Variable 50-1000 rpm
Power Supply	110 / 220V (1 hp - 750W)	110 / 220V (1 hp - 750W)
Weight	102 lbs (46 kg)	102 lbs (46 kg)
Dimensions (W x D x H)	16 x 29 x 14-inch (406 x 737 x 356mm)	28 x 28 x 13-inch (711 x 711 x 330mm)
Part Number	NANO-1000T	NANO-2000T

FEMTO 1100 Power Head (optional)

FEMTO Features	Specification
Application of Force	Individual pistons (1-6 samples) Central force (3-6 samples)
Head Speed	0-200 rpm
Direction	Contra and complementary
Force	1.1 lbs to 13.5 lbs (5N to 60N)
Power Supply	110 / 220V
Weight	60 lbs (28 kg)
Dimensions (W x D x H)	10 x 18 x 22-inch (254 x 457 x 560 mm)
Part No.	FEMTO-1100



Machinery directive 2006/42/EC
Low Voltage Directive 2006/95/EC
Electromagnetic Compatibility directive 2004/108/EC



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