

# **PACE TECHNOLOGIES**

## ***NANO 1000T/ 2000T Manual Polishers***

**Easy to Use  
Economical  
Powerful  
Reliable  
Robust**

### **Grinding/Polishing:**

- Metals**
- Ceramics**
- Polymers**
- Composites**
- Aerospace**
- Electronics**
- Biomaterials**



### **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 up to 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 – easy to change at the back of the machine (110V, 220V).
8. 0.75 hp 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.

## ***Single and Double Wheel Polishers***



## Technical Specifications:

<b>NANO 1000T Features</b>	<b>Specification</b>
Working wheels	8 and 10-inch diameter
Number of stations	Single wheel
Speed	Variable up to 1000 rpm
Power Supply	110 / 220V
Weight	46 kg (102 lbs)
Dimensions (WxDxH)	17" x 28" x 13" (430 mm x 710 mm x 330 mm)
Part Number	NANO-1000T
Optional power head	FEMTO 1100 polishing head

<b>NANO 2000T Features</b>	<b>Specification</b>
Working wheels	8 and 10-inch diameter
Number of stations	Double wheel
Speed	Variable up to 1000 rpm
Power Supply	110 / 220V
Weight	70 kg (155 lbs)
Dimensions (WxDxH)	30" x 28" x 13" (760 mm x 710 mm x 330 mm)
Part Number	NANO-2000T
Optional power head	FEMTO 1100 polishing head

## Polisher Accessories

<b>Description</b>	<b>8-inch</b>	<b>10-inch</b>
Working wheel	PW-800	PW-1000
Plain-backed paper ring	PTM-125-0005	PTM-125-0006
Splash guard	PTM-125-0001	PTM-125-0001
Cover	PTM-125-0007	PTM-125-0007

## FEMTO 1100 Power Head (optional)

<b>FEMTO Features</b>	<b>Specification</b>
Application of Force	Individual pistons (1-6 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	25 kg (55 lbs)
Dimensions (WxDxH)	13" x 18" x 18" (330 mm x 460 mm x 460 mm)

<b>FEMTO 1100 Specimen Holders</b>	<b>Part Number</b>
Specimen holder for FEMTO (6 slots for 1 to 1.5-inch diameter rings)	SH-1100
1-inch diameter rings	SR-1100
1.25-inch diameter rings	SR-1125
1.5-inch diameter rings	SR-1150
Specimen holder for FEMTO (3 slots for 2-inch diameter specimens)	SH-1200
2-inch diameter rings	SR-1200

# PACE TECHNOLOGIES

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