

# GRINDING & POLISHING MACHINE

## Durable Design

The elaborate design of aluminum casting basement equipped with high efficient transmission unit can absorb the vibration and provide an excellent stability during grinding/polishing process. The greater sample flatness can be achieved.



## Cooling System

Using stainless faucet with ceramic valve including special design for the spray volume and angle, we develop the most suitable cooling system for grinding and polishing machine.



## Easy to use and Maintenance

User-friendly design is clear and bright for the operator. FRP cover and it's coating is acid and alkali resistant which are easy for cleaning and maintenance.



## Customized SOP parameters

An intuitive user interface with programmable methods allows users to create and save multiple grinding and polishing programs for quick access. The customers are able to build their own standard operating procedure.



TNP-2020FRX



TNP-2020FRX-A3

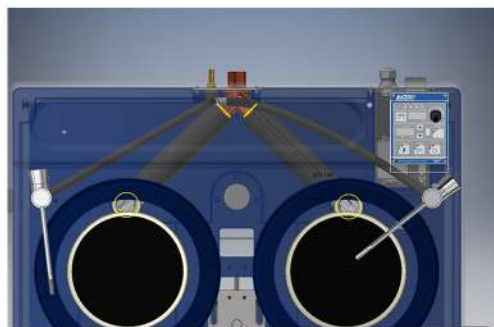


TNP-1020FRX-A3

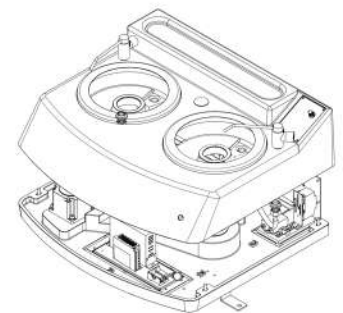
ITEM	Model			
	TNP-1020FRX-A3/A5	TNP-1025FRX-A3/A5	TNP-2020FRX-A3/A5	TNP-2025FRX-A3/A5
Structure	Bench type (High-strength Cast Aluminum Base + Hard-Coated FRP Cover)			
Control	Waterproof Membrane Switch Panel			
No. of disc	1		2	
Size	200mm	250mm	200mm	250mm
Feature	1.Presetting procedure (standardization G/P method) 2. 9 sets memorize parameters			
Parameters setting	Direction, Speed, Time (Both Polishing disc and Auto-head)			
Alarm buzzer	Yes			
Operation	Manual/Automatic			
Rotational Speed	MAX800rpm ( 60Hz/50Hz), Variable (Clockwise/Counter-clockwise is adjustable)			
Motor	AC 220V 400W (Brushless Motor)			
Motor of Auto Head	DC 24V 80W			
Auto-head speed	MAX 150rpm, Variable (Clockwise/ Counter-clockwise is adjustable)			
No. of Specimens	3/5	3/5	3/5	3/5
Dia. of Specimens	$\psi$ 32mm (25、30、40mm alternative)			
Facuet	Ceramic needle valve			
Power Supply	AC220V 1P			
Dimension	W556*D652*H557mm		W796*D726*H557mm	
Weight	52kg	53kg	73kg	74kg
Standard Accessories	Abrasive paper P600, P800, P1200 *2pcs each, Polishing cloth*2pcs, 0.3u Alumina powder *1btl (100g), Washbottle *1pc			



Raising levels of automation can effectively improve the success rate of sample preparation.



The direction and angle of the drainage system are specially designed to avoid the blockage problem.



The first priority is to select the equipment with rigidity structure and steady operation.

Taiwan Nakazawa CO., LTD.

7F-8, No.258, Lien Cheng Rd.,  
Zhonghe Dist., New Taipei City 235  
TEL 02-82272299  
FAX 02-82272288  
sales1@tn-testing.com.tw

Quality Report Co., Ltd.

390 Soi Yothinpattana, Praditmanootham Rd., Klongchan, Bangkok, Bangkok 10240  
Tel : (662) 946-9988 Fax : (662) 946-6644  
Email; information@qualityreport.co.th