

# PY-2700G 3 Sliders Grinder Balancer

The best tool for precision machining

## Product feature :

- Colors LCD touch panel, intuitive operation, easy learning.
- Display real-time status: speed/unbalance/phase angle.
- Rechargeable battery; high power storage, long standby time.
- Bypass static balance, operate online balance directly.
- Save time from continually modify unbalance.
- Select the trial weight angle to meet the balance needs of various equipment.



## Applications :

Suit for precision equipment which designed with 3 sliders, such as:  
rotary grinder, surface grinder, cylindrical grinder, inner diameter grinder, vertical grinder, tool grinder, gear grinder, centerless grinder, machine center, precision mold machine, high-speed five-axis machine, vertical and horizontal NC lathes, precision High-speed rotary-table...

## Function & Specification :

Function	Specification
Measuring Range	0.01~2,760 $\mu\text{m}$ (@3600 rpm)
Measuring Accuracy	0.01 $\mu\text{m}$ (@3600 rpm)
Phase Angle Accuracy	0.1°
Speed Range	400~20,000rpm
Vibration Unit	Displacement ( $\mu\text{m}$ : peak to peak)
Speed Sensor Method	Photo Sensor
Speed Sensor Distance	5mm~60mm
Vibration Sensor	Accelerator 100mv/g $\pm$ 20%
CPU	32 bit high speed processor
Monitor	800 X 480 colors Touch Panel
Operating Temperature	0°~40°C
Power Consumption	4.5W
Battery Type	Rechargeable Lithium Battery
Power	100~240VAC Adaptor 50/60Hz
Device Size	213 x 170 x 52 mm
Device Weight	1.3 kg

## Accessories list :

- ✦ PY-2700-G Device x1
- ✦ Vibration Signal cable x1
- ✦ Accelerator x1
- ✦ Speed Sensor x1
- ✦ Power Supplier x1
- ✦ Accelerator Magnetic Holder x1
- ✦ Operating Manual x1
- ✦ Kits (Including glue、scissors、reflective sheeting、"I" driver)



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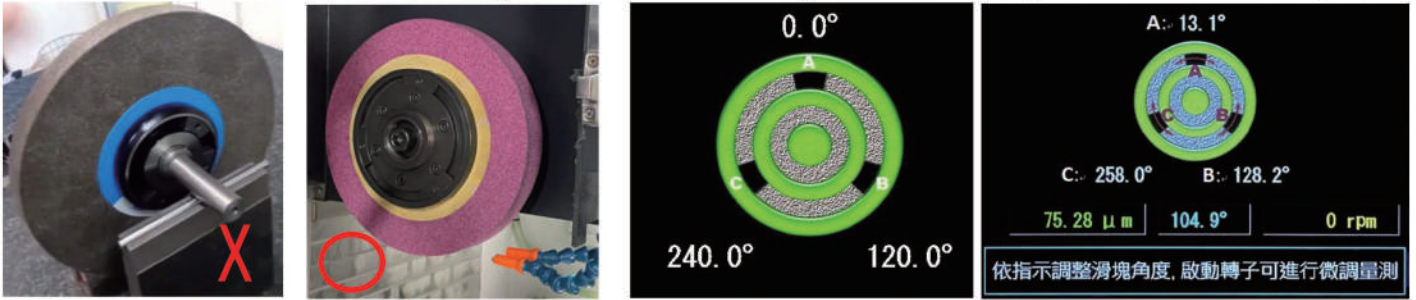
PAUL YANG PRECISION TECH Co., Ltd

地址: 台中市北屯區安順東三街15號

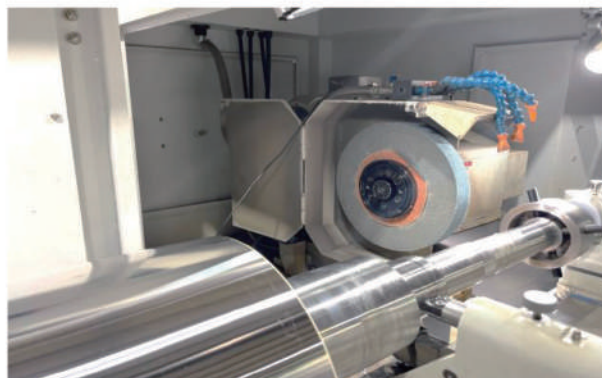
電話: +886-4-22986068

傳真: +886-4-22987968

- Save time from off-line balance, easily maintain the rotor (spindle/grinding wheel/chuck/tool/workpiece), and the overall dynamic accuracy is better than  $1\mu\text{m}$ .



- Directly show the speed/unbalance angle/unbalance amount of the high-speed rotor online, used to any equipped with 3 sliders mechanisms (Note: Your design must avoid infringing patent protection), such as: grinding wheel / balancing tool holder / balancing hydraulic chuck/ balancing precision rotary-table, For whole rotor system, you can directly modify on-line balance, and excellent dynamic accuracy can be mastered!



Agent :