

# Polishing Machine for sample of casting

## AG-150-TP

### Compact design

Smart design, it suits in the laboratory or office.

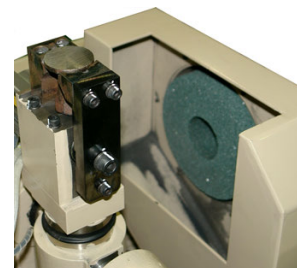
- Low power consumption design
- Only 5 min. to exchange grindstone.
- Even if grindstone is wear, it is able to polish with constant pressure.
- Completely sealed design and helps to keep work environment clean.
- Dust collector is build in design



Touch panel for operation



Dust collector is inside.

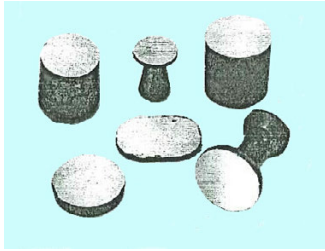


All you need is to put the sample on the grind table.

Polishing machine for  
sample of casting

# AG-150-TP

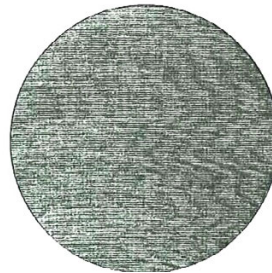
It is able to polish in any shapes.



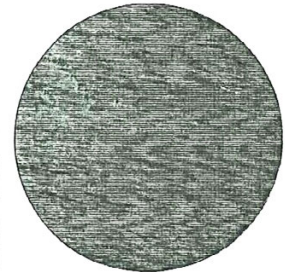
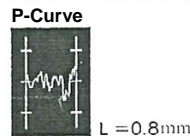
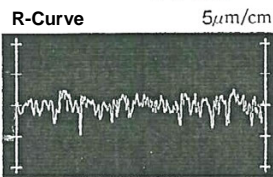
Choose grindstone depends on the materials.



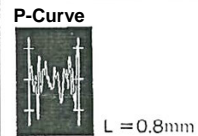
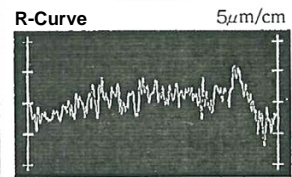
(Worn Grindstone can be recovered and regenerated.)



Polishing by AG-150-TP (#60)



Polishing by hand



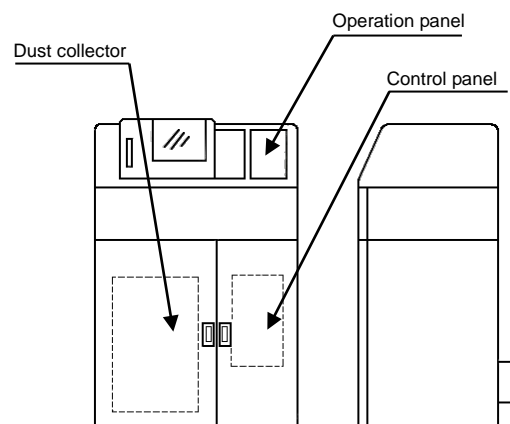
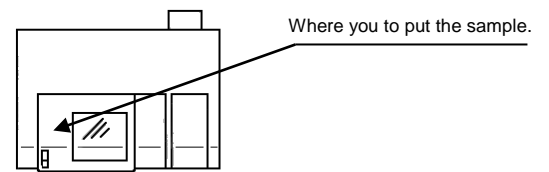
## Compare with polishing between machine and hand

Asperity	Polishing by AG-150-TP		Polishing by hand	
	No.1	No.2	No.1	No.2
Rz (asperity 10points ave.)	4.30 $\mu\text{m}$	4.28 $\mu\text{m}$	3.86 $\mu\text{m}$	4.06 $\mu\text{m}$
RY (Max. height)	5.44 $\mu\text{m}$	5.10 $\mu\text{m}$	6.96 $\mu\text{m}$	5.62 $\mu\text{m}$
Ra (asperity of centerline)	0.85 $\mu\text{m}$	0.84 $\mu\text{m}$	0.95 $\mu\text{m}$	1.77 $\mu\text{m}$

## Specification

Polishing wheel size	$\phi 150 \times 32 \times 50$	#54~80
Motor spec.	0.75kW-2P	
Traveling device to polishing head	40W	
Method of polishing	Polishing low pressure.	Selectable bet.1~99times
Clamp holder	Air cylinder	
Polishing head of movement	Air cylinder No.1 45ST No.2 15ST	
Test piece set height	FL+1338	
Power supply/Air pressure	200/220v 50/60Hz	5~7kg/cm <sup>2</sup>
Dimensions	W856×D653×H1400	
Weight	350kg	
Dust collector	Max. air flow 6m <sup>3</sup> /min,	

## Dimension



Inquiry

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CNo. AG-150-TP-E