



Integrated supplier of Non-Destructive Testing and Marking

Non-Draining PT Unit MH-1

Drainage treatment cost is eliminated because washing drainage is not generated. Meanwhile, inspection speed is 2-3 times comparing with conventional water washing PT Unit. This unit realizes substantial effect on both processing capacity and environmental load.



Features

No drainage treatment facility is necessary. Special solvent remover is used for washing and reused after recovery

Remarkable improvement of inspection capacity because of no drying process

Post cleaning process is not needed

Not applicable of Japanese Fire Prevention Law

Main Specification		
Type	MH-1-A (Automatic)	MH-1-M (Semi-automatic)
Movement of work	Transfer / Up and Down : Fully automatic	Transfer : Manual Up and down : Automatic
Workpiece to be inspected	Dimension : Max. W600 x D600 x H200 mm Wight : Max. 30 Kg	
Detection process	Penetrating : Immersion Washing : Steam washing and Immersion washing Drying : Volatilization (natural drying) Observation : Under UV light in inspection room	
PT materials	Penetrant : Fluorescent penetrant RP-2000C Remover : Super Clean BP-3	
Electric power	AC 200/220 V \pm 10%, 50/60 Hz, 3-phase	
Air source	More than 0.4 MPa, 0.5 Nm ³ /min	
Cooling Water	Industrial water Pressure : More than 0.1 MPa Connection : Supply 15A / Discharge 25A	
Electric power consumption	Normal 20 KVA	
Tact time	approx. 5 min.	

Main Equipment	
Penetrant bath	Volume approx. 180 L
Immersion washing bath	Volume approx. 240 L

Steam washing bath	Volume approx. 100 L
Inspection room	W1600 x D1500 x H2700 mm with blackout curtain
Refrigerant cooling equipment	W960 x D730 x H1440 mm, 12 Kw
UV light	Super-Light E-40-2 (400 W)
Basket	W600 x D600 x H200 mm (6 sets)

Detection Process (Movie)

※ Click each process to view movie

