



TEST SYSTEMS INTERNATIONAL, INC.

27963 CABOT ROAD, LAGUNA NIGUEL, CALIFORNIA 92677 U.S.A.

(949) 582-3163 1 (800) 835-1954 FAX (949) 582-3164

WWW.TSI-NDT.COM



M.P.I. WET HORIZONTAL BENCH MODELS WHM-3000, WHM-3400, WHM-3600

The WHM-3000, WHM-3400 and WHM-3600 are 3600 AMP AC/HWDC full featured bench style M.P.I. wet horizontal. Designed for surface and subsurface flaw detection and demagnetization in small to medium size parts.

BENCH FEATURES:

•Mag. Push button Hip Bar • Head Stock air cylinder footswitch •Air pressure regulator •Tail Stock with lock •12”(30cm) ID 5 turn coil on rail rollers •6x6”(15x15cm) Head-Tail stock contact area •Replaceable copper pads •Replaceable lead plates •Head-Tail stock “V” groove supports • Front and Back hardwood grills •Stainless steel tank • Water or oil bath compatible •Bath agitator and circulation pump with ON-OFF switch •Hand hose bath applicator •Gloss black panels on silver cabinet.

ELECTRONIC FEATURES:

•Eye level control box •Digital LED output current AC/DC meter with hold •Infinitely variable current control •Quick Break •Switchable AC or DC output with LED indicators •Switchable Coil and Direct current direction with LED indicators •Automatic Demag switch • Power ON-OFF switch •Internal 0.5 to 1.5 second Mag shot duration timer •Mag shot LED Indicator • Replaceable Electronic Control Box •Circuit Boards acrylic coated for protection.

WHM-3000 SERIES

MODEL WHM-3000, WHM-3400, WHM-3600
SPECIFICATIONS

1. MAX OUTPUT CURRENT AC/HWDC AMPS
Direct (inline) = 3400
Coil 12" (30cm) = 1400
16" (41cm) = 1000
2. DUTY CYCLE @ 3000 0.5 second ON 4 seconds OFF
@ 1500 0.5 second ON 2 seconds OFF
3. LINE INPUT = 230/460 VAC 50/60 single phase 100/50 amp
4. DEMAG = Slow decay 3-6 seconds
5. PART LENGTH MAX = WHM-3000 - 31" (80cm), WHM-3400 - 42" (107cm)
WHM-3600 - 72" (183cm)
6. PART WEIGHT MAX = 200 lbs. (90kg)
7. NET WEIGHT = 595 lbs. (270kg)
8. CABINET DIMENSIONS
Control Box Height = 62" (158cm) Bench Height = 40" (102cm) Width = 32" (81.3cm)
Model Number = WHM-3000 WHM-3400 WHM-3600
Cabinet Length 50" (153cm) 60" (229cm) 90" (229cm)
9. HEAD STOCK AIR CYLINDER
1" Stroke (25mm) 3 x Head Pressure
10. AIR SUPPLY
Dry filtered 50-150 PSI (3.4-10.4 kg/cm) ¼" Industrial Connector
11. TANK CAPACITY = 10 Gal. Min. 40 Gal. Max.

OPTIONS

- 1) Hood enclosure = Features black nylon with Velcro closures, flip back design, large work space with Light and Fan box.

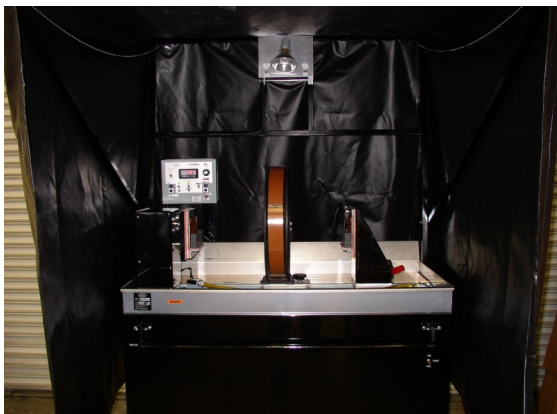
Dimensions

Model Number	= WHM-3000	WHM-3400	WHM-3600
Hood Length	53" (135cm)	65" (165cm)	93" (236cm)
Width = 63" (160cm)	Height = 82" (208cm)	Weight = 40 lbs. (18kg)	

OPTIONS

- 1) 16" (41cm) 5 turn AC/DC rail mounted coil
- 2) 20" (51cm) 5 turn AC/DC rail mounted coil
- 3) Full Guarded Footswitch
- 4) Low output current alarm
- 5) Panel mounted variable shot duration
- 6) Different input line voltage

HOOD OPTION



CONTROL BOX OPTION 4) & 5)

