



BENCH MAGNETIC CRACK DETECTORS

ART NO. 72104

Features

- Intermediate size general purpose Bench MPI testing machine having bed length of 300 to 7500 mm long.
- Delivers AC/HWDC/FWDC Magnetising current from 500 to 10000 Amps.
- Current, Flux and combined MPI technique selected by simple switch.
- Bed coil for detection of circular cracks (optional).
- Infinite step-less current control by electronic circuit with automatic demagnetisation facility.
- Pneumatically operated head stock and mechanically moving tail stock.
- Foldable black light hood with exhaust fan for inspection using Fluorescent Ink under darkness.
- Inbuilt magnetic ink reservoir with re-circulating pump & inking nozzle.



· Voltage supply 415 V AC 3 Phase.

Applications

- Suitable for both surface and sub-surface cracks in steel components.
- For automobile, aeronautical, railhead, engineering units.
- For testing crankshafts /gears/ cam shafts/ components of automobiles.
- Forgings, castings and machined components can be tested for sampling and production line.

All dimensions are in mm.

Art No.	Magnetising Current (AMPS AC/HWDC)	Bed Length	Power (KVA)
72104.01	1500	450	6
72104.02	2400	600	8
72104.03	3000	1000	11
72104.04	6000	1500	24

- Due to continuous upgradation in design there could be changes in specifications.
- Other sizes on request.