

(19)
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Specification for hard bearing Horizontal Dynamic Balancing Machine

A. Major Parameter

1. Type of electronics:- Computer based electronics with color graphic display (copy enclosed).
2. Max. Weight of rotor: - 150 kg
3. Max. Dia. of rotor: - 850mm
4. Max length of rotor:-1200mm
5. Journal Diameter Range: - 10-75 mm
6. Minimum readable imbalance (gm mm) :-0.05gm.mm
7. Residual imbalance in each plane/ balancing accuracy (gm mm/kg):-0.1 micron
8. Balancing speed range:-400-6000rpm
9. Drive power: - 2 H.P. (1.5 KW)

B. Spares should be of make whoever supply the machine

1. 01 no. Pick up series 300.
2. 01 no. Phase generator.
3. 01 no. PCB series 100.

C. Concomitant accessories (standard accessories)

1. Balanced Test rotor to check machine accuracy.
2. Test weight of 3,9,30,90 gms.
3. Laser printer to take print out of initial and final reading.
4. Portable grinding machine & cutters used for metal removal.
5. Kit of required tools for rotor balancing /maintenance.
6. Balancing Machine should have provision of saving records of balancing & sufficient Storage memory.

D. Warranty: - Required for 24 months from the date of commissioning.

E. AMC: - ~~Prospective tenders should quote Annual maintenance contract for 3 years after completion of the warranty period.~~ *not required*

F. Special requirement: - Supplier should ensure effective after sale services and supply of spares during and after warranty period for 10 year minimum.

27/04/14
ADME (D)/NKJ

[Signature]
Sr.DME (D)/NKJ

Annexure-II

To be submitted by the firm along with offer-

Tender specification	Specification quoted by the firm	Deviation if any with clarification