

Specification for Lay shaft laser beam alignment

82

Model : Easy-Laser D 450 or Similar

1) Major Parameter

- i) Measuring distance up to 33 feet [10 m]
- ii) Max displayed error, $\pm 1\%$ +1 digit.
- iii) Laser wavelength, 635-670 nm, visible red light.
- iv) Resolution- 0.05 mils [0.001 mm]
- v) Battery- 4 x 1.5 V R14(C)
- vi) Operating time -24 hours
- vii) Storage memory-1000 shaft alignment measurements.

2) Minor Parameter

- i) Small light weight measuring units made of Aluminum.
- ii) Clear spirit levels in both units for quick and accurate positioning.
- iii) RS 232 port for printer and PC connection.

3) Concomitant accessories

- i) Sliding brackets for non-rotatable shafts. Min \varnothing 2.36" [60 mm]
- ii) Magnetic brackets for axial mounting on e.g. flange, shaft or coupling.
- iii) Magnetic base for direct mounting on e.g. coupling or shaft.
- iv) Thin chain brackets width 0.47" [12mm]. With chains.
- v) Offset bracket for axial displacement of meas. units on brackets.
- vi) Portable Thermal Printer including cable and charger.
- vii) Extension cable of length 16 feet [5 m]

4) Spares

- i) One no display unit with measurement program.
- ii) One no protective case
- iii) Two cables with push/pull connectors
- iv) Two measuring units (S, M)
- v) Two sets of rods for measuring units (4 x 2.36", 8 x 4.72" [4 x 60mm, 8 x 120mm])
- vi) Two shaft brackets with chains
- vii) Two Extension chains
- viii) One measuring tape
- ix) One manual
- x) One Easylink™ windows® program + PC cable

5). AMC Required – No.

6) Warranty requirement – As per IRS condition

7). Special requirement

- i) Demonstration of lay shaft laser beam gun before supply of items at shed premises.
- ii) Installation and commissioning shall be carried out by firm along with required accessories within one month from the date of receipt of items.
- iii) The instrument item must be supplied with calibration certification of OEM.
- iv) The tenderer has to submit certificate to dealership along with their offer .If an authorized dealer distributor wish to quote through sub dealer/agent, their due authorization should be issued by authorized dealer on case to case basis i.e. tender specific which should be submitted by sub dealer / agent along with their offer.
- v) The material should be covered under warranty against any manufacturing defect.

Approved
08/11/12

ADME(D) NKJ

[Signature]
DME(D)/NKJ

Annexure-II

To be submitted by the firm along with offer-

Tender specification as per Annexure-I	Specification quoted by the firm	Deviation if any with clarification

Signature of firm's