

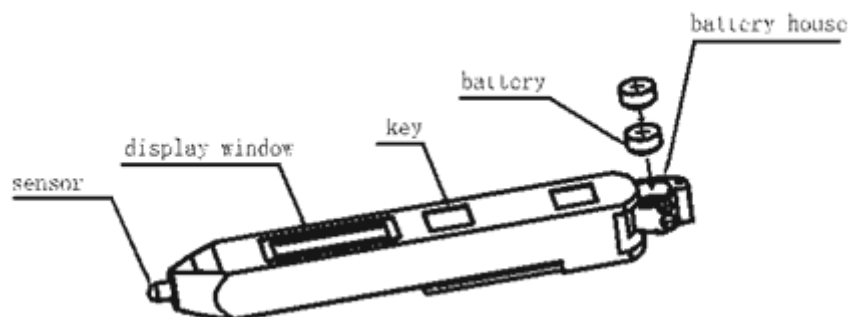
❖ product information ❖

TV200 VIBRATION PEN



Features

| | |
|--------------------------------|---|
| Tested parameter | RMS of vibration velocity (mm/s) |
| Range | 0.1mm/s~199.9mm/s |
| Transmission band | 10Hz~1kHz |
| Accuracy | $\pm 5\% \pm 2$ |
| Relative error of transmission | 20Hz $\leq f \leq$ 1000Hz, $\pm 10\%$ 10Hz $\leq f <$ 20Hz, (+10%, -20%) |
| Display | 3.5 digits LCD, refresh interval about 0.5 second. |
| Power supply | two buttony batteries (LR44 or SR44) |
| Battery capacity | 10 hours continuously or 400 times testing |
| Operation environment | Temperature: 0°C~40°C; Relative humidity: <85% |
| Dimensions (W x D x H) | 150mm x 22mm x 18mm |
| Weight | 55g (include two batteries) |



-----Appendix-----

ISO2372 Machine vibration grades

| | | | | |
|----------------|--|--|--|--|
| Velocity (RMS) | | | | |
|----------------|--|--|--|--|

| mm/s | I | II | III | IV |
|------|-----------|-----------|-----------|-----------|
| 0.28 | excellent | excellent | excellent | excellent |
| 0.45 | | | | |
| 0.71 | | | | |
| 1.12 | good | good | good | Good |
| 1.8 | | | | |
| 2.8 | bad | bad | bad | Bad |
| 4.5 | | | | |
| 7.1 | forbidden | forbidden | forbidden | forbidden |
| 11.2 | | | | |
| 18 | | | | |
| 28 | | | | |
| 45 | | | | |

Notes:

- Class I is small motor (less than 15Kw)
- class II is medium motor (15Kw~75Kw)
- class III is big motor (hard base), class IV is big motor (soft base).
- The result should be gotten from three perpendicular directions of the bearing shell.

Standard Package

- Vibration TV-200
- Small pocket bag
- Manual
- Battery pack