



1. **Type 1600S** tests the freq. response · sensitivity · F_o · Q_m · Q_e · Q_t · impedance & its curves · polarity · distortion · DCR of the loudspeaker & buzzer, auto-judging PASS / FAIL . Yet, unless using the near sound field testing , else, its freq. response & distortion must be tested inside an anechoic chamber (so with other brands of instruments). The aforementioned test features can be done automatically, sequentially & rapidly.
2. Fully followed the traditional features of Sunlight's instruments : **Easy to use, speedy, very stable and quite reliable**, it is the accumulative technique achievement since Sunlight's was established in 1974.
3. **Curves are displayed with various colors - useful for comparison and analysis.**
4. The dB values can be read out by moving the cursor to any frequency. The level difference in dB between the stored curve and the measured curve can also be read directly (data conversion is not required). This is useful for modification, comparison and analysis in R&D.
5. **Automatic tracking filter is included to reduce the influence of environment noise.** When used in a noisy production line, the test accuracy is not influenced .
6. Figures and text on screen can be printed out on HP (or similar) printer.
7. Test condition, e.g. applied voltage, freq. range and frequency points can be modified on demand.
8. The upper and lower limits of curves or parameters for the PASS/FAIL judgment can be set and modified by the user.
9. A Calibrator CTR-6 is provided free with Type 1600. Since Type 1600 is stable enough, calibration of once per year is enough.

