



- (1) Type 1600N is a newly developed high speed type and fully auto testing system, aside from having a faster test speed than the original Type 1600. Type 1600N no longer uses the traditional floppy disk booting, instead, it uses CF card booting, therefore, booting speed is faster. Type 1600N also has a function for saving the tested data, user may insert such CF card onto an ordinary personal computer with a CF card reader, and from the "Data Viewer" provided by Sunlight Electronics Laboratory, user can be able to read out, print out or post-processing the tested data.
- (2) **Consists of LAN function**, enables the uploading of the tested data to Central Monitoring Unit through the local network of the company, supervisor of the production line may then easily manipulate the production output and status as well, and may also store or make necessary analysis for all the tested data. **Operate in coordination with the automation.** Model-160N mainframe can transform the tested data (PASS/FAIL mode) to digital signal; user may then link easily Model-160N with the self installed automation, to attain the aim of automation in production line.
- (3) Type 1600N is mainly used for testing the: Receiver unit, Transmitter, Microphone, Loudspeaker and Loudspeaker Box System, Earphone, Handfree Kit, Handset, Headphone or Headset ... etc.
- (4) **Testable items are:** Frequency response, Sensitivity, DCR, AC impedance, Impedance curve, harmonic distortion, Buzz & rattle, Polarity, Balance and the Frequency response, Sensitivity, Distortion, Current.... etc. of the microphone. Type 1600N has a dual channel input (left and right earphones), enables the automatic switching of the left earphone, right earphone and microphone for testing, test speed is faster than Type 1600, can auto judge the PASS/FAIL. Different items of combinations will have different test items.
- (5) Has analysis and statistics (Cp, Ca, Cpk) function. The upper and lower limits of curves or parameters for the PASS/FAIL judgment can be set and modified by the user.
- (6) 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.
- (7) Type 1600N has 9 types of combinations according to the different combinations of peripheral items: Type 1600NR, Type 1600NT, Type 1600NS, Type 1600NH, Type 1600NRT, Type 1600NRS, Type 1600NHM, Type 1600NHP and Type 1600NBT. **All the operating software are being saved onto one CF card that presented in "All in one" form.**
- (8) By connecting 1600N mainframe with HP printer, figures and text on the screen can be printed out directly, or user may save the tested data onto the CF card, and can print out the tested data through different types of printers linked with a PC.
- (9) The figural on this catalog belongs to the items of combination for **Type 1600NHM**. For other types of combinations, please refer to the explanation on the website for **Type 1600N**._