



IS 16127: 2013 Behind the Ear (BTE) Hearing Aids – Digital – Specification

A person with impaired hearing can lead a normal life with the use of a hearing aid. Just imagine the life of a hearing impaired person, whose Behind the Ear (BTE) hearing aid malfunctions or does not provide the desired performance.

Indian Standard IS 16127: 2013 Behind the Ear (BTE) Hearing Aids – Digital – Specification developed by Bureau of Indian Standards, specifies the general and performance requirements for BTE Hearing Aids. This is an indigenous Standard developed by the Bureau with no International standard available on the subject.

The standard specifies the characteristics of Digital BTE Type Hearing Aid. It also specifies the General Requirements which include Design & Workmanship, Power Supply, Housing, External Case requirements, and Controls.

The standard also specifies the Testing requirements which includes Maximum Output Sound Pressure Level at 90 dB input (OSPL 90), High Frequencies average (HFA) at OSPL 90, HFA Full on Gain (at 50/60dB), Frequency Rang, Total Harmonic Distortion (THD) etc.

The standard also provided guidance on Good Manufacturing Practices.

In summary, we may conclude that compliance to IS 16127 assures you the device of desired performance and fulfills your expectations.