

Bluetooth® Functionality Testing for Smart Medical Products

Verify and validate the correct transmission of data and functionality of your Bluetooth® enabled device, diagnostic or combination product



Key Benefits

- **Easy testing** of patient functionalities
- Suitable for **Bluetooth® capable smart medical devices**
- **Easily scalable** to increase testing capacity
- **Small footprint** solution possible
- **CFR Part 11 compliant** with audit trail information integrated within the machine control system
- **Easy modification** of functionality test procedure
- **Extendable test library** for patient specific functionality tests
- **Traceability and documentation** in a batch report via PLC controlled machine system
- **Cost reduction** through early detection of faulty parts

Key Facts

- Inline-testing at 300 parts/minute possible (every device tested)*
- Scalable to higher than 300 parts/minute with additional hardware
- Multiplexing: Automated load distribution of devices under test to Bluetooth® sensors
- Reception range approx. 8 metres at RSSI <70dBm**
- Reception & inline testing possible within factory automation**
- Concurrent testing with assembly and packaging operations possible

* referring to specific customer test procedure

** depending on customer product / customer site

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