

INTRODUCING

The Revolutionary iBlue

The World's First Industrial Bluetooth Transmitter



The iBlue lets you wirelessly acquire, record, and share material information by connecting to your computer or smartphone device.

The mobile application allows users to check material hardness, temperature, and collect data with an easy to use interface.

- Wireless connection to any computer or smartphone device.
- Carefully designed for multiple industrial environments.
- Made to fit iPhone 4 Otterbox belt clip for secure usage.
- Free mobile applications make checking material hardness, temperature, and data collection easy and affordable.



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iBlue Specs & Features

Specifications

- Must be connected via Bluetooth to smartphone, tablet, or computer
- Email of data requires that an email client be present on the smartphone, tablet, or computer.
- Rechargeable battery.
- Charger port for micro USB.
- Operating temperature is -10 degrees C to +35 degrees C.
- Device measures 2.70(W) x 4.875(L) x .650(D).
- Certifications are FCC approved.

Features

- Pairing with smartphones, tablets, and computers delivers a unique experience.
- Share data effortlessly via email.
- Apps available on the Apple App Store, Google Play, BlackBerry App World, and The Windows Marketplace.
- Software and Firmware updates pushed through so you are always up to date.
- Pinch, Pan, and Scroll features allow for better data visualization and manipulation.
- Integrated MIN, MAX, and AVG functions.
- Data export via standard CSV format.
- On device graphing functions, like scales and colors.
- Works with any HID compatible device.

iBlue Applications



This app is in conformance with ASTM A956-06 Standard Test Method for Leeb Hardness Testing of Steel Products and ASTM E140-07 for calculating approximate hardness conversion numbers for non-austenitic steels. This Hardness Tester app can be used with the ITAMCO iBlue Hardness Tester by communication via Bluetooth. You can find out more about the iBlue from our website link below.

Materials Features:

- Works with hardness probes: D/DC, D+15, E, C, DL, G
- Wirelessly make hardness checks
- Send data via email
- Print hardness readings to any compatible Air Print Printer
- Graph multiple hardness checks
- Records Maximum, Minimum, and Averages
- Remote operation up to 20 feet away
- Convert between popular Rockwell, Vickers and Knoop hardness scales.

Available Scales

- HRC (Rockwell C Hardness Number 150 kgf)
- HV (Vickers Hardness Number)
- HBS (10-mm Standard Ball, 3000-kgf)
- HBW (10-mm Carbide Ball, 3000-kgf)
- HK (Knoop Hardness, Number 500-gf and Over)
- HRA (A Scale, 60-kgf)
- HRD (D Scale, 100-kgf)
- HR 15-N (15-N Scale, 15-kgf)
- HR 30-N (30-N Scale, 30-kgf)
- HR 45-N (45-N Scale, 45-kgf)
- Scleroscope Hardness Number
- Brinell
- Knoop
- Vickers



This app is can be used to convert different scales of temperature such as Fahrenheit, Celsius, and Kelvin. You can also Graph, Email, or Print your temperature readings. This app will also work with the ITAMCO iBlue, the iBlue works with any K type thermocouple via bluetooth communication.



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iBlue Compatible Applications (Continued)



Statistical process control (SPC) is a method of quality control which uses statistical methods. SPC is applied in order to monitor and control a process. Monitoring and controlling the process ensures that it operates at its full potential. SPC is a valuable process because it allows examination of specific parts of a process.

An advantage of SPC over other methods of quality control, such as inspection, is that it emphasizes early detection and prevention of problems, rather than the correction of problems after they have occurred.

iSPC works with the iBlue Bluetooth Transmitter. Connect your micrometers and calipers to the iBlue and wirelessly transmit your gage reading measurements to your iOS device.

Features -

- *X Bar and R Bar charts, Sigma, UCL and LCL.
- *Multiple Sub-groups
- *Print, Email, and Save readings.
- *Built in HTTP host webpage by browsing to [http://\"your ip address\":8080](http://\), and see your iSPC data from another device (i.e. your computer or server), iSPC app must be open in order to view data in web browser.



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