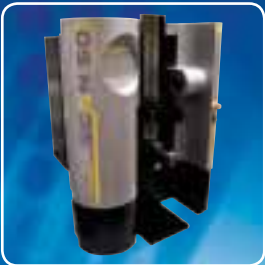




BOWERS GROUP

THE ESSENTIAL METROLOGY CATALOGUE **16/17**



Partners in Precision

Wireless Data Transmission

ISO 9001:2015 – Quality Guaranteed

In 2016 Bowers achieved the latest **ISO 9001:2015** Quality Management Systems Standard at its Bradford manufacturing facility. This prestigious certification is a true testament to Bowers' dedication to the highest levels of quality management and customer satisfaction. ISO 9001:2015 is the newest update to the quality management system standard, which provides an integrated approach to quality management and continual improvement. This, in conjunction with Bowers' existing UKAS accreditation to ISO/IEC 17025:2005, ensures its customers can have complete confidence that the Bowers range of products is designed and manufactured to the highest standard.





BOWERS GROUP

Bowers Group

As a leading supplier of quality metrology instruments to organisations throughout the world, Bowers Group has developed into a respected global leader in the field of measurement. Our first-class reputation has been built on the continuing Group ethos of striving for excellence in both the comprehensive range of products that we supply and the many quality services that we provide to our customers. The Group's aim is to build on its hard-won reputation and continue to exceed customers' expectations.

Reflecting the all-inclusive nature of our products and services, Bowers UK provides British industry with the widest choice of cost effective, quality measuring instruments currently available. Supplementing Bowers' own famous range of gauges, our enviable 'sole UK agent' status means that we can offer superior products from many pre-eminent metrology companies, such as Trimos, Sylvac, Gagemaker, Innovatest, ACCRETECH and Wyler. Bowers' diverse range of quality measuring instruments allows us to offer cost effective solutions to UK industries' measuring challenges. Helping in the decision making process, our network of skilled Sales Engineers is happy to give on-site demonstrations of our full product range.



Baty International

Baty International is one of the world's leading manufacturers of Optical Profile Projectors, Co-ordinate Measuring Systems and Gauging Products. Baty's product range includes two dimensional (profile measuring) equipment and full 3 dimensional (coordinate measuring) systems. Baty also services and calibrates contact and non contact dimensional measuring equipment. Baty products are for industrial, manufacturing and professional use, on the shop-floor, in tool rooms, and in other areas where precision measurement is critical.



Moore & Wright

Founded in 1906 by innovative young engineer Frank Moore, Moore & Wright has been designing, manufacturing and supplying precision measuring equipment to global industry for over 100 years. With roots fixed firmly in Sheffield, the company began by manufacturing a range of calipers, screwdrivers, punches and other engineer's tools.

Now part of Bowers Group, Moore & Wright continues its commitment to supplying industry with high quality, affordable products. Its ongoing pledge to research and development ensures that Moore & Wright remains at the forefront of global innovation.



CV Instruments

With the largest selection of portable and bench hardness testers currently available within the UK, the CV arm of Bowers Group has evolved into an all-inclusive material testing quality instrument supplier, with cost effective solutions to coating thickness, surface finish and many other disciplines now available.

Bowers is also exclusive UK reseller for the following leading metrology brands:



Wireless Data Output Options

Allowing the wireless transmission of measurement values from gauge to PC, the IBRit-rf1 Radio Module is the latest development in interface technologies.

Communicating with up to 120 gauges, and with a maximum transmission distance of up to 200m, the wireless data transfer module connects via a port to your PC. The PC transmits address numbers to each gauge radio module where they are stored. The transmission of a measurement value is triggered simply by pressing the data key on the gauge module or on the gauge itself. An audible tone and visible light confirms a successful data transmission. Special data coding between the PC and the gauge radio module guarantees absolute data security.

Special versions of radio modules

Gauge radio modules with external antenna The Standard IBRit - rf1 radio modules are delivered with an integrated antenna. For max. transmission power, all radio modules can be delivered with an external antenna.

Gauge radio modules with terminal strips The IBRit - rf1 radio modules can be delivered optional with terminal strips for the connection of external switches for data transmission.



Features

- User-friendly
- Full data security
- Low cost
- Compact size
- Long transmitter battery life
- Long transmission distance
- CE & FCC approval
- Audible/visual transmission confirmation
- Individually programmable
- Connects to all types of gauges
- Up to 120 transmitters per receiver
- Allows integration into SPC software

IBRit - rf1 - usb

The radio module IBRit - rf1 - usb serves as PC station for the wireless data transmission of measured values. The module is connected to an USB Port. The program IBR_SimKey is a simple PC software for the IBRit - rf1 series with following functions:

1. Programming of the gauge radio modules.
2. Displaying of received values for testing.
3. Data transfer to all Windows programs.

Code No: 25-604-001



IBRit - rf1 - mit1

Radio module for gauges with Mitutoyo Digimatic interface.

Pluggable in calipers and dial gauges.

Code No: 25-604-011



IBRit - rf1 - digi

Radio module for gauges with Mitutoyo Digimatic interface. *Use with Mitutoyo cables.*

Code No: 25-604-007



IBRit - rf1 - opto

Radio module for gauges with Opto RS-232 interface.

Code No: 25-604-014



Opto / 232

Adapter to connect IBRit - rf1 - opto radio modules to 9 pin. Sub-D connectors. *Connection to Height gauges...*

Code No: 25-604-004



IBRit - rf1 - prox

Radio module for gauges with Proximity interface.

Code No: 25-604-064



IBRit - rf1 - S233

Radio module for gauges with Power RS-232 interface.

Code No: S233 25-604-013



IBRit - rf1 - SDial

Radio module for gauges with Power RS-232 interface.

Code No: SDial 25-604-013A



IBRit - rf1 - tesa

Radio module for Tesa dial gauges of series Digico 2xx... 7xx.

Code No: 25-604-014T



IBRit - rf1 - mahr

Radio module for gauges with MarConnect interface.

Code No: 25-604-006



IBRit - rf1 - 232

The radio module IBRit - rf1 - 232 allows the connection of stationary gauges with RS-232 output and is universally programmable.

Code No: 25-604-008





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baty



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