

Retail Packed Products



RETAIL PACKED RANGE

Code No	Description
1243R	Feeler Gauge Set - Imperial, 3" x 10 blades, 1.5-25
12R	Feeler Gauge Set - Imperial, 3" x 26 blades, 1.5-25
132R	Feeler Gauge Set - Imperial, 4" x 26 blades, 1.5-25
492R	Feeler Gauge Set - Imperial, 3" x 15 blades, 1.5-25
493R	Feeler Gauge Set - Imperial, 4" x 15 blades, 1.5-25
911R	Feeler Gauge Set - Imperial, 4" x 10 blades, 1.5-25
912R	Feeler Gauge Set - Imperial, 3" x 10 blades, 1.5-25
387MR	Feeler Gauge Set - Metric, 75mm x 13 blades, 0.03-0.5
388MR	Feeler Gauge Set - Metric, 100mm x 13 blades, 0.03-0.5
389MR	Feeler Gauge Set - Metric, 100mm x 13 blades, 0.05-1.0
390MR	Feeler Gauge Set - Metric, 100mm x 20 blades, 0.05-1.0
391MR	Feeler Gauge Set - Metric, 75mm x 11 blades, 0.05-0.8
393MR	Feeler Gauge Set - Metric, 75mm x 20 blades, 0.05-1.0
911MR	Feeler Gauge Set - Metric, 100mm x 10 blades, 0.05-0.8
912MR	Feeler Gauge Set - Metric, 75mm x 10 blades, 0.05-0.8
200R	Screw Cutting Gauge
3306R	Caliper - 6" / 150mm Inside Firm Joint
3316R	Caliper - 6" / 150mm Outside Firm Joint
3366R	Jenny Caliper - 6" / 150mm Firm Joint
341R	Jenny Caliper - 5" / 125mm Firm Joint
56R	Jenny Caliper - 6" / 150mm Spring Joint
503R	Dividers - 3" / 75mm Spring Joint
504R	Dividers - 4" / 100mm Spring Joint

Code No	Description
506R	Dividers - 6" / 150mm Spring Joint
513R	Calipers - 3" / 75mm Outside Spring Joint
514R	Calipers - 4" / 100mm Outside Spring Joint
516R	Calipers - 6" / 150mm Outside Spring Joint
523R	Calipers - 3" / 75mm Inside Spring Joint
524R	Calipers - 4" / 100mm Inside Spring Joint
526R	Calipers - 6" / 150mm Inside Spring Joint
ELT001XR	Mini Level
4003R	Engineer's Square - 3" / 75mm Grade B
4004R	Engineer's Square - 4" / 100mm Grade B
965R	Micrometer - External Imperial 0-1"
965MR	Micrometer - External Metric 0-25mm
1053MR	Wire Gauge - Metric, 40 slots 0.2-10.0mm
1067MR	Drill Gauge - Metric, 26 holes 0.5-13.0mm
43MR	Depth Gauge - Reversible Base
44MR	Depth Gauge - Protractor
SCT001XR	Scriber - Carbide Tipped
801R	Screw Pitch Gauge - SI Metric
804R	Screw Pitch Gauge - SI Metric & Whitworth
806R	Screw Pitch Gauge - Unified
809R	Screw Pitch Gauge - ISO Metric
204MR	Radius Gauge - Metric, on ring, 0.75-5mm
204R	Radius Gauge - Imperial, on ring, 1/32-17/64"



Wireless Data Transmission

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 - 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 - mit1

Radio module for gauges with Mitutoyo Digimatic interface.

Pluggable in calipers and dial gauges.

Code No: 25-604-011



IBRit - rf1 - tesa

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

Code No: 25-604-014T



IBRit - rf1 - digi

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

Code No: 25-604-007



IBRit - rf1 - mahr

Radio module for gauges with MarConnect interface.

Code No: 25-604-006



IBRit - rf1 - opto

Radio module for gauges with Opto RS-232 interface.

Code No: 25-604-014



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



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



Cables & Accessories

A complete listing of cables and output accessories to suit the Bowers Metrology range of instruments.

CABLES

Code No	Cable	PC Connectivity	Length	Output	Functions
30-926-5521	Sylvac Opto Simplex	9 Pin Female	2 Metre	All (Non IP65) Opto outputs	Data Send Only
30-926-5521A	Sylvac Opto Simplex with Footswitch	9 Pin Female	2 Metre	All (Non IP65) Opto outputs	Data Send Only
30-926-5520	Sylvac Opto Simplex	9 Pin Female	15 Metre	All (Non IP65) Opto outputs	Data Send Only
30-926-6521	Sylvac Opto Duplex	9 Pin Female	2 Metre	All (Non IP65) Opto outputs	Bi Directional Connectivity
30-926-6521A	Sylvac Opto Duplex with Footswitch	9 Pin Female	2 Metre	All (Non IP65) Opto outputs	Bi Directional Connectivity
30-926-6535	Sylvac Opto Duplex	9 Pin Female	15 Metre	All (Non IP65) Opto outputs	Bi Directional Connectivity
30-926-6621	Sylvac Opto Duplex	USB	2 Metre	All (Non IP65) Opto outputs	Bi Directional Connectivity
30-926-6538	Sylvac Opto Duplex (Right Angle Opto Entry)	9 Pin Female	3 Metre	All (Non IP65) Opto outputs	Bi Directional Connectivity
30-926-6542	Sylvac Opto Duplex (Right Angle Opto Entry)	9 Pin Female	15 Metre	All (Non IP65) Opto outputs	Bi Directional Connectivity
30-926-6539	Sylvac Opto Duplex (Left Angle Opto Entry)	9 Pin Female	3 Metre	All (Non IP65) Opto outputs	Bi Directional Connectivity
30-926-6543	Sylvac Opto Duplex (Left Angle Opto Entry)	9 Pin Female	15 Metre	All (Non IP65) Opto outputs	Bi Directional Connectivity
30-926-8010	Sylvac Opto Digimatic (Mitutoyo) Sylvac MUX BOX ONLY	Digimatic	2 Metre	All (Non IP65) Opto outputs	Bi Directional Connectivity
30-926-8158	Sylvac Opto Digimatic (Mitutoyo)	Digimatic	2 Metre	All (Non IP65) Opto outputs	Bi Directional Connectivity
30-926-5531	Sylvac Cable for Digital Minor Caliper	9 Pin Female	2 Metre	Digital Minor Caliper with Output	Data Send Only
30-905-4516	Sylvac Powered Opto Duplex	9 Pin Female	2 Metre	All IP65 Opto Outputs	Bi Directional Connectivity
30-905-4519	Sylvac Powered Opto Duplex	9 Pin Female	15 Metre	All IP65 Opto Outputs	Bi Directional Connectivity
30-926-6821	Sylvac Powered Opto Duplex	USB	2 Metre	All IP65 Opto Outputs	Bi Directional Connectivity
30-926-8154	Sylvac Powered Opto Digimatic (Mitutoyo)	Digimatic	2 Metre	All IP65 Opto Outputs	Bi Directional Connectivity
30-925-1151	Sylvac Power Booster	9 Pin Female	2 Metre	for RS232 Cable	Continuous Power Supply
30-925-1143	Sylvac Power Booster with Footswitch (for Bi-Directional Cables Only)	9 Pin Female	3 Metre	for RS232 Cable	Continuous Power Supply
30-926-5516	Sylvac Power Supply (To replace battery)	N/A	3 Metre	All (Non IP65) Opto outputs	
30-926-6723	Sylvac Proximity RS232	9 Pin Female	3 Metre	All IP67 Proximity Outputs	Bi Directional Connectivity
30-926-6721	Sylvac Proximity USB	USB	3 Metre	All IP67 Proximity Outputs	Bi Directional Connectivity
30-926-USB	Serial to USB adaptor	USB	10 cm	RS232 Cable	Converts Serial Output to USB
30-925-5608	Straight Connection 9 Pin Male - 9 Pin Female	9 Pin Female	2 Metre	D50S, D60S, D80S, D100S, D104 PC, All Z Cal Height Gauges, Diavite (Up to DH7) Trimos V & VL Series, Altia, Altia Premium Heights and Trimos Horizon H series	Bi Directional Connectivity
30-925-5609	Straight Connection 9 Pin Male - 9 Pin Female	9 Pin Female	3 Metre	D50S, D60S, D80S, D100S, D104 PC, All Z Cal Height Gauges, Diavite (Up to DH7) Trimos V Series, Altia, Altia Premium Height Gauges and Trimos Horizon H series	Bi Directional Connectivity
30-926-8116	Sylvac 9 Pin Female to Digimatic	Digimatic	2 Metre	D50S, D60S, D80S, D100S, D104 PC, All Z Cal Height Gauges, Diavite (Up to DH7) Trimos V Series, Altia, Altia Premium Height Gauges and Trimos Horizon H series	Bi Directional Connectivity
30-904-4101	Footswitch		2 Metre	D50S, D60S, D80S, D100S, D104PC, D300S, D302, D304 All Z Cal, V Series and Altia Height Gauges	
20-USB	Standard A-B USB Cable	USB Receiver	2 Metre	Trimos Mestra, Vectra, D200S, D300S, D400S	Bi Directional Connectivity
30-926-6001	Mini USB - USB	USB Receiver	2 Metre	Sylvac Hi-cal	
30-804-1211	Sylvac D110V Connection Cable		2 Metre	Sylvac D110V - D100S/ D200S	
25-604-014	Wireless Opto Module	USB Receiver	N/A	All (Non IP65) Opto outputs	Data Send Only
25-604-013	Wireless Powered Opto Module	USB Receiver	N/A	All IP65 Opto Outputs	Data Send Only
25-604-064	Wireless Proximity Module	USB Receiver	N/A	All IP67 Proximity Outputs	Data Send Only



Cables & Accessories

CABLES CONTINUED

Code No	Cable	PC Connectivity	Length	Output	Functions
25-604-004	Adapter RS232 / Opto (Requires 25-604-014)	USB Receiver	N/A	All Sylvac 9 Pin Connectors	Data Send Only
25-604-008	RS232 Transmitter Module	USB Receiver	N/A	All 9 Pin Static Instrument Connectors	Data Send Only
25-604-007	Wireless Digimatic (Mitutoyo) Module	USB Receiver	N/A	Can be connected to Standard Instrument cable	Data Send Only
25-604-011	Wireless Digimatic (Mitutoyo) Module	USB Receiver	N/A	Can be connected directly to Calipers and Dial Gauges	Data Send Only
25-604-006	Wireless Mahr Module	USB Receiver	N/A	All Mahr Connect Instruments	Data Send Only
25-604-001	USB Receiver	USB Receiver	N/A	Connect to PC Only	Data Send Only
55-PC2311	Crossed Connection (Null Modem) 9 Pin Male - 9 Pin Female	9 Pin Female	Metre	PC2200, Deltronic, Sylvac MUX, D300S	Bi Directional Connectivity
20-4070	Trimos RS232 Straight Connection 9 Pin Female - 9 Pin Female	9 Pin Female	2 Metre	Trimos Vectra and Mestra to PC	Data Send Onl
30-1540	Trimos Vertical 3 Height Gauge	9 Pin Female	2 Metre	Trimos Vertical 3 to PC	Data Send Only
20-25014	Trimos THV to PC Cable	9 Pin Female	2 Metre	Heidenhein to PC	Data Send Only
20-25016A	Trimos THV Footswitch	N/A	2 Metre	Heidenhein Footswitch	Data Send Only
20-25020	Trimos THV to Remote Keypad Cable	N/A	2 Metre	Heidenhein to Remote Keypad	Print, Zero, Preset
20-25015	Trimos THV Remote Keypad	N/A	N/A	Keypad	
60-6517	WYLER Clinotronic, Clino 2000 to LM2000 or Adaptor Cable	N/A	2.5 Metre	Clinotronic, Clino 2000 to LM2000 or Adaptor	Bi Directional Connectivity
60-6519	WYLER Clinotronic, Clino 2000 to LM2000 or Adaptor Cable	N/A	5 Metre	Clinotronic, Clino 2000 to LM2000 or Adaptor	Bi Directional Connectivity
60-6519A	WYLER Clinotronic, Clino 2000 to LM2000 or Adaptor Cable	N/A	10 Metre	Clinotronic, Clino 2000 to LM2000 or Adaptor	Bi Directional Connectivity
60-6172A	WYLER Clinotronic RS485 /RS232 Adaptor	9 Pin Female	N/A	Clinotronic	Bi Directional Connectivity
60-6517	WYLER Zerotronic Sensor to LM2000	N/A	2.5 Metre	Zerotronic Sensor to LM2000 or Transceiver Converter	Bi Directional Connectivity
60-6519	WYLER Zerotronic Sensor to LM2000	N/A	5 Metre	Zerotronic Sensor to LM2000 or Transceiver Converter	Bi Directional Connectivity
60-6519A	WYLER Zerotronic Sensor to LM2000	N/A	10 Metre	Zerotronic Sensor to LM2000 or Transceiver Converter	Bi Directional Connectivity
60-6657	WYLER NT to Levelmeter 2000	N/A	2.5 Metre	NT Level to LM2000	
60-6662	WYLER Levelmeter 2000 and CLINO 2000 to PC	9 Pin Female	2 Metre	Levelmeter 2000 to PC	
60-6617	WYLER Blue Level, Blue Level basic, Blue Meter, Blue Meter Basic, Blue TC, Blue Clino		2.5 Metre	Blue Meter Blue Series Universal	
RAN0004	Rangemaster to PC	9 Pin Female	2 Metre	Rangemaster to PC	Data Send Only
W-TA510	PC	9 Pin Female	2 Metre	Impact Series to PC	Data Send Only
W-WRT150PC	CVI WRT150 (CVR135) Surface Finish Tester	9 Pin Female	2 Metre	WRT150 (CVR150) to PC	Data Send Only
W-TR-200CA	CVI TR200 Surface Finish Tester (Included with Tester)	9 Pin Female	2 Metre	TR200 to PC	Data Send Only
W-CG500/150	CVI CG500 Thickness Gauge	9 Pin Female	2 Metre	CG500 to PC	Data Send Only
30-901-5042	Replacement Sylvac Probe Cable	N/A	1.5 Metre	P2B [Pre 2011]and P5	
30-901-5002	Replacement Sylvac Probe Cable	N/A	1.5 Metre	P10	
30-901-5012	Replacement Sylvac Probe Cable	N/A	1.5 Metre	P25	
30-901-5022	Replacement Sylvac Probe Cable	N/A	1.5 Metre	P50	
30-901-5052	Replacement Sylvac Probe Cable	N/A	1.5 Metre	P2BL and P5L	
30-901-5032	Replacement Sylvac Probe Cable	N/A	1.5 Metre	P10L	
30-901-9993	Extension Cable (affects accuracy calculation)	N/A	3 Metre	All Sylvac Probes	
60-232UBS	USB Adaptor WYLER				

UTILITY SOFTWARE

Code No	Description
30-981-7100	USB Dongle BT Smart for PC/D300S/D400S
30-981-7110	Sylconnect Licence (Single Licence)
30-981-7111	Sylconnect Dongle (Single Licence)
30-981-7161	Sylvac VMux

Main Conditions of Sale

Minimum Order Value:	£50.00 Nett.
Carriage:	Charged as EXTRA from our warehouse on every shipment.
Settlement:	Payment in advance of delivery unless you have an authorised credit account. Authorised credit account holders - we reserve the right to charge interest on overdue accounts. This title in the goods does not pass to you until they have been paid for in full and if you sell on the goods before the goods have been paid for, then we have the right to the proceeds of such sale.
Prices:	As ruling at the date of despatch. This price list cancels all previous price lists. This price list can be used as a guide only due to currency fluctuations.
Collections:	You are welcome to collect goods from our warehouse. However in order to avoid inconvenience to yourselves, please allow us 2 hours notification to prepare your order.
Out-of-Stock Goods:	All items out of stock will be automatically back-ordered. If you do not wish us to keep any items on back-order, please mark your order Ex-stock or cancel.
Claims:	Non-delivery of goods must be advised IN WRITING to us within 3 days of receipt of invoice, otherwise you are liable to the cost of the goods invoiced. Shortages / damages must be advised IN WRITING to us and carriers on the day of delivery.
Returns:	Goods ordered in error are subject to a 25% re-stocking charge if returned. We cannot accept back for credit, replacement or exchange any goods that have been defaced or engraved in any way. Any goods being returned must be returned within 30 days of date of invoice.
Guarantee:	All instruments are manufactured to the highest standards using correspondingly high-quality materials and are therefore guaranteed against faulty materials and workmanship. Should any defect arise due to faulty materials or workmanship then we undertake to repair or replace that item free of charge. Any defect item should be returned to our warehouse, carriage paid together with a covering letter clearly stating the reason for complaint. The guarantee does not cover instrument defects arising from fair wear and tear or improper use.
Value Added Tax:	Added to all invoices, except Export, at current rate. All prices shown in this list are exclusive of V.A.T.
Specification:	As improvement is a continuing process, we reserve the right to change specification without prior notification E. & O.E.

Full list of Terms & Conditions of sale available on request.