



## Spares and Accessories

- Replacement Parts and Cables
- Junction Boxes & Attachment Bosses
- Instrument Setup & Signal Software

## Spares and Accessories - For Portable or Permanently Installed MHC Sensor

### Attachment Bosses

Repeatable results rely on correct positioning of the sensor be it portable or fixed.

- MHC 1000 and Ultraspan 5000 Series Sensors are portable and attach magnetically. Small galvanised steel pads are available for permanent mounting on to the machine to ensure repeatable results.
- All permanently installed cylindrical 2000 and 3000 Series Sensors (e.g. MHC 2020) have an integral M8 male thread that can be engaged into a tapped hole of the correct depth on the machine. An alternative is a Mounting Boss which can be bonded / welded in place if tapping a hole is unacceptable.



**Boss A:** 316 SS pad for use with 2000, 3000 and 5000 series sensors. Used for mounting sensor perpendicular to machine. O/D 30mm, Height 12mm.



**Boss B:** 316 SS pad for use with 2000, 3000 and 5000 series sensors. Used for mounting sensor parallel with machine. O/D 30mm, Height 30mm.

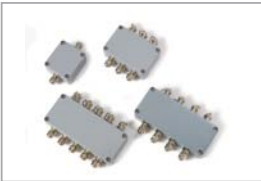


**Boss C:** Galvanised steel pads for use with portable 1000 series sensors. Monitoring pads for MHC magnetic mounted 1000 and 5000 series sensors. O/D 25mm sold in packs of 100.

### Note: Mounting the Boss on to a sample point

For bonding to flat metal surfaces, the recommended mounting system is Loctite Structural Adhesive 326 (RS part 496-114) & Activator N Accelerator (RS part 108-716). Welding is also suitable for the Boss B or C (it is not suitable for Boss A as it will destroy the galvanised coating).

### Junction Boxes



Junction boxes



Single channel open bracket BNC connector

We have two methods of terminating the cables in permanently installed sensors. Junction boxes are available from 1 through 6 way or as a right angled bracket with a connector. Both methods come complete with dust caps and BNC connectors. Note that "Bracket" has a fixed cable length and cannot be shortened. Other length options can be made to order.

### Cable and leads



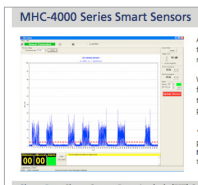
Coiled cable for MHC memo



5m high temp lead with SMA connector

Cables are available with TNC, BNC and SMA Terminations and in lengths of 1.2, 5, 10 and 20m. Coiled and straight cables are available for portable instruments.

### Display and Set-up Software



Set up your MHC instruments to allow for dormant or stop start operation, low or high level alarms, intermediate alarms, cable integrity checking and a host of other features. Record and plot results and interface MHC-Point with your PLC or SCADA plant monitoring systems and a host of other features.

### Cases and Audio Headphones



Spare parts and ancillary equipment for MHC-Memo instruments. Extend the capabilities of your MHC-Memo to detect air, steam or gas leaks. Use your MHC-Memo in areas where ear protection is advisable or mandatory.

Image shows Rugged Case with MHC-Memo instrument and Headphones

## Spares and Accessories

### Attachment Bosses

|      |   |      |  |
|------|---|------|--|
| Boss | A |      | S/S M8 threaded Mounting Boss              |
| Boss | B |      | S/S M8 threaded right angled mounting boss |
| Boss | C | /100 | Pack of 100 galvanised mounting pads       |

### Junction Boxes

|          |         |    |  |
|----------|---------|----|--|
| Junction | Bracket |    | Single channel open bracket BNC connector. 10m cable and termination with dust cap |
| Junction | Box     | /1 | Single channel sensor cable glanded input to BNC outputs with dust caps            |
| Junction | Box     | /2 | 2 channel sensor cable glanded inputs to BNC outputs with dust caps                |
| Junction | Box     | /4 | 4 channel sensor cable glanded inputs to BNC outputs with dust caps                |
| Junction | Box     | /6 | 6 channel sensor cable glanded inputs to BNC outputs with dust caps                |

### Display, Setup Software and Equipment

|             |                      |      |   |
|-------------|----------------------|------|---|
| 4030        | Smart View           |      | Set-up software for Smart Std and Smart Slo (requires SMART/RT interface)         |
| 4070        | Smart/RT             |      | Communications interface between Smart sensors & PC                               |
| 4050        | Sigma View           |      | Sensor Set-up software for Sigma sensors  |
| 4055        | Sigma Pro            |      | Waveform capture & analysis software for use with Sigma sensors                   |
| 4060        | Sigma Interface Unit |      | 2 channel display & human interface unit for Sigma sensors                        |
| 4070        | Sigma/RT             |      | Communications interface between Sigma Interface Unit & PC                        |
| 5011        | S/BV                 |      | Bluetooth interface between Ultraspan/Wireless sensor & PC                        |
| 5012        | Ultraspan View       |      | Sensor setup, record, capture and display software for Ultraspan/Wireless sensors |
| 5013        | Ultraspan Pro        |      | Analysis software for waveform records from Ultraspan/Wireless sensors            |
| MEMO        | View                 | Lite | Set-up & download PC software for MEMO Lite                                       |
| MEMO        | View                 | Pro  | Set-up, download & reporting PC software for MEMO Pro                             |
| MEMO        | View                 | Lab  | Frequency diagnostic PC software for use with MEMO Pro                            |
| MHC         | Point/Programmer     |      | Handheld unit for setup of MHC-Point units and history display                    |
| SIMPAL-View |                      |      | PC setup & analysis software for SIMPAL system                                    |

### Cases and Audio Headphones

|      |      |          |   |
|------|------|----------|---|
| 1090 |      |          | Peltor headphones with ear defence for use with On-Site instruments |
| 1095 | Case | Standard | Standard issue case for Classic, Classic Plus and MEMO Lite         |
| 1096 | Case | Rugged   | Explorer case for MEMO Pro  |

### Cables and Leads

|      |            |        |  |
|------|------------|--------|--|
| 1060 | TNC/TNC    |        | 1.2m TNC to TNC coaxial sensor cable                             |
| 1070 | BNC/TNC    |        | 1.2m TNC to BNC coaxial sensor cable                             |
| 1065 | TNC/TNC    | Coiled | 1.2m TNC to TNC coiled lead                                      |
| 1080 | Comms      | RS232  | RS232 Comms Lead   |
| 1085 | Comms      | USB    | USB Comms Lead   |
| 2030 | LP lead    | SMA/5  | 5m PVC coaxial lead for Low profile sensor                       |
| 2031 | LP lead    | SMA/10 | 10m PVC coaxial lead for Low profile sensor                      |
| 2032 | LP lead    | SMA/15 | 15m PVC coaxial lead for Low profile sensor                      |
| 2033 | LP lead    | SMA/20 | 20m PVC coaxial lead for Low profile sensor                      |
| 2034 | LP lead ET | SMA/5  | 5m FEP coaxial lead for Low profile sensor Extended Temperature  |
| 2035 | LP lead ET | SMA/10 | 10m FEP coaxial lead for Low profile sensor Extended Temperature |
| 2036 | LP lead ET | SMA/15 | 15m FEP coaxial lead for Low profile sensor Extended Temperature |
| 2037 | LP lead ET | SMA/20 | 20m FEP coaxial lead for Low profile sensor Extended Temperature |

**Related products** - Data sheet for MHC-2000 and MHC-3000 series AE Sensors

**About Kittiwake Holroyd Ltd**

Holroyd are part of the Kittiwake Group of companies. If your business is about condition monitoring of machinery, maintenance of industrial fuels and lubricants or monitoring of exhaust gases then Kittiwake operate in your field of expertise. Established in 1993, Kittiwake has grown into a leading global provider of monitoring and testing technology solutions with offices in the UK, Germany, Greece, USA, and Asia. Innovative technology solutions that make a real difference your operations. Have a look at our information centre on [www.condition-monitoring.com](http://www.condition-monitoring.com) for hints and tips on how to maximize the benefits from your maintenance budget.



**Kittiwake Holroyd Ltd**  
Via Gellia Mills  
Matlock  
Derbyshire  
DE4 2AJ

**Tel: +44 (0)1629 822060**  
**Fax: +44 (0)1629 823516**

[sales@Kittiwakeholroyd.com](mailto:sales@Kittiwakeholroyd.com)  
[www.Kittiwakeholroyd.com](http://www.Kittiwakeholroyd.com)