



## 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.

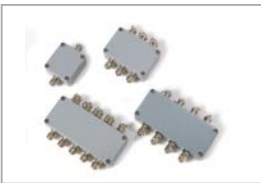


**Boss C:** Galvanised steel pads for use with portable 1000 series sensors. Monitoring pads for MHC magnetic mounted 1000 and 5000 series sensors. O/D 25mm sold in packs of 100.

### 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



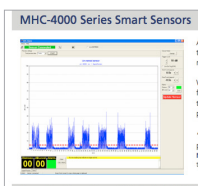
Coiled cable for MHC memo



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.



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