PCS COMPANY

AIRTECT
Plastic Leak Alarm System

PRODUCTS AND SPARE PARTS

TABLE OF CONTENTS

LA500

LA500 'SINGLE' INJECTION NOZZLE PLASTIC LEAK ALARM (AND CONTROL UNIT FOR FIXED AND MODULAR MANIFOLDS)

Kit Includes:
- LA500 with 2 x 7-segment LED display with programmable operational settings
- AR-20GF Air Pressure Regulator with Pressure Gauge, Air Filter and Fittings
- 3 Meters PU Tube
- 0.5 Meters 2.5mm Silicone Rubber Tube
- 3 Meters 2mm Stainless Steel Sensor Tube
- 2 Meter Electrical Power/Interlock Cable
- Installation/Operation Manual

AR-20GF

TUBE-SIL

TUBE-SS

TUBE-PU

LA502

LA502 'DUAL' INJECTION NOZZLE PLASTIC LEAK ALARM (AND CONTROL UNIT FOR FIXED AND MODULAR MANIFOLDS)
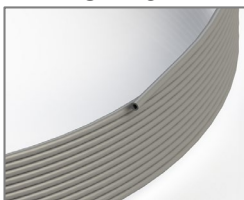
Kit Includes:
- LA502 with 2 x 7-segment LED display with programmable operational settings
- AR-20GF Air Pressure Regulator with Pressure Gauge, Air Filter and Fittings
- 6 Meters PU Tube
- 1 Meters 2.5mm Silicone Rubber Tube
- 6 Meters 2mm Stainless Steel Sensor Tube
- 2 Meter Electrical Power/Interlock Cable
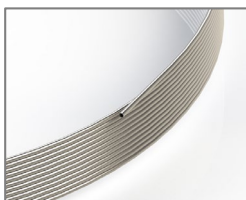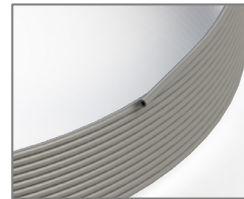- Installation/Operation Manual

AR-20GF

TUBE-SIL

TUBE-SS

TUBE-PU

LM2050

LM2050 'SINGLE' INJECTION NOZZLE PLASTIC LEAK ALARM (AND CONTROL UNIT FOR FIXED AND MODULAR MANIFOLDS)

Kit Includes:

- LM2050 with 2-line, 16-character LCD display with multiple languages and programmable operational settings
- AR-20GF Air Pressure Regulator with Pressure Gauge, Air Filter and Fittings
- 3 Meters PU Tube
- 0.5 Meters 2.5mm Silicone Rubber Tube
- 3 Meters 2mm Stainless Steel Sensor Tube
- 3 Meter Electrical Power/Interlock Cable
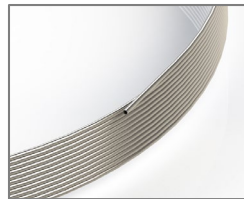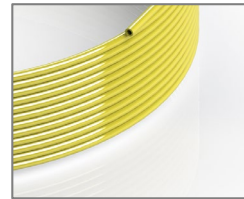- Installation/Operation Manual
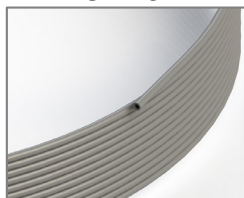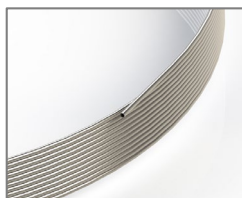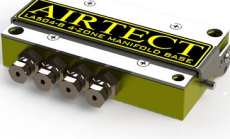
AR-20GF	TUBE-SIL	TUBE-SS	TUBE-PU

4-ZONE (with Programmable Controller)

LA500 **LM2050** **LA504-X** **PCC-X**

OR + +
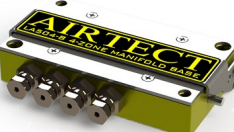
LA500 **LM2050** **LA504-M-H** **LA504-B-X** **PCC-X**

OR + + +

LA500 **LM2050** **LA504-M-S** **LA504-B-X** **PCC-X**

OR + + +

4-ZONE Stand-Alone (without Programmable Controller)

LA504S-X **PCC-S-X**

+

LA504S-M-H **LA504-B-X** **PCC-S-X**

+ +

LA504S-M-S **LA504-B-X** **PCC-S-X**

+ +

4-ZONE

LA504-X
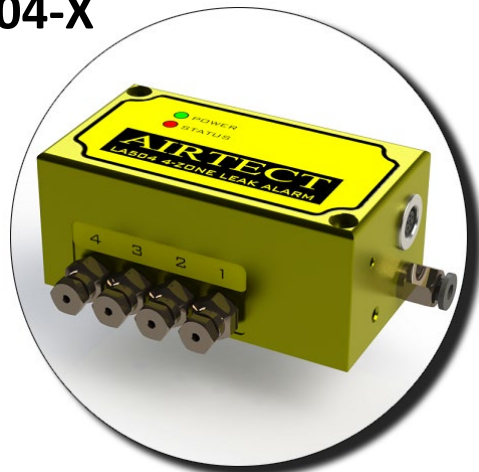
4-ZONE FIXED LEAK ALARM MANIFOLD (Requires connection to LA500 or LM2050 control/display unit via PCC-X Power/Relay Interlock Cable. Requires LA504-B-X Base.)

Kit Includes:
- LA504 Fixed Manifold
- 3 Meters PU Tube
- 1 Meter 2mm Silicone Rubber Tube
- 5 Meters Xmm Stainless Steel Sensor Tube
- (4) brackets and (8) screws for Sensor Tube
- Installation/Operation Manual

X=Sensor Tube Diameter: 1.6mm or 2.0mm

PROGRAMMABLE OPTIONS VIA LA500 or LM2050

CANNOT BE DAISY CHAINED AS PART OF A LARGER SYSTEM
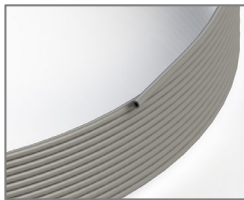
TUBE-SS	TUBE-SIL
BKT-SS	**TUBE-PU**
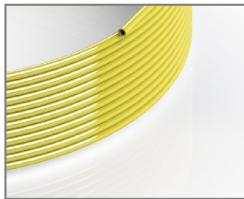
LA504-M-H
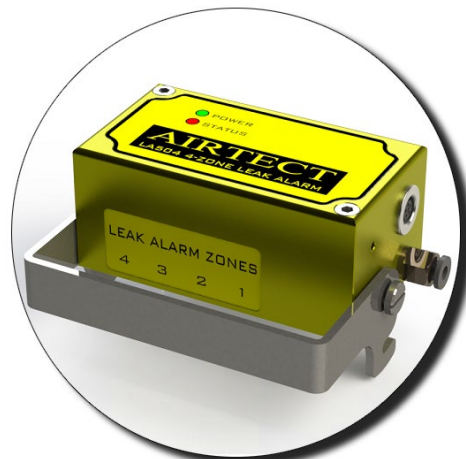
4-ZONE MODULAR LEAK ALARM MANIFOLD (HANDLE) (Requires connection to LA500 or LM2050 control/display unit via PCC-X Power/Relay Interlock Cable)

Kit Includes:
- LA504 Modular Manifold with Handle Release
- 3 Meters PU Tube
- Protection Base
- Installation/Operation Manual

PROGRAMMABLE OPTIONS VIA LA500 or LM2050

CANNOT BE DAISY CHAINED AS PART OF A LARGER SYSTEM

TUBE-PU
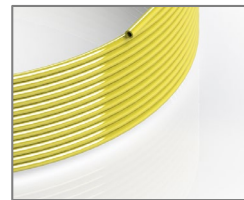
LA504-M-S

4-ZONE MODULAR LEAK ALARM MANIFOLD (SCREW) (requires connection to LA500 or LM2050 control/display unit via PCC-X Power/Relay Interlock Cable. Requires LA504-B-X Base.)

Kit Includes:
- LA504 Modular Manifold with Screw Release
- 3 Meters PU Tube
- Protection Base
- Installation/Operation Manual

PROGRAMMABLE OPTIONS VIA LA500 or LM2050

CANNOT BE DAISY CHAINED AS PART OF A LARGER SYSTEM

LA504-B-X

4-ZONE MODULAR LEAK ALARM MANIFOLD BASE (USE WITH LA504-M-H, LA504-M-S, LA504S-M-H or LA504S-M-S)

Kit Includes:
- LA504-B Manifold Base
- 1 Meter 2mm Silicone Rubber Tube
- 5 Meters Xmm Stainless Steel Sensor Tube
- (4) brackets and (8) screws for Sensor Tube

X=Sensor Tube Diameter: 1.6mm or 2.0mm

TUBE-PU
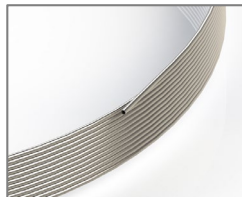
TUBE-SS

TUBE-SIL

BKT-SS

4-ZONE STAND-ALONE

LA504S-X

4-ZONE FIXED STAND-ALONE LEAK ALARM MANIFOLD (Does NOT require connection to LA500 or LM2050 control/display unit. Requires PCC-S-X Power/Relay Interlock cable.)

Kit Includes:

- LA504S Fixed Stand-Alone Manifold with LED Display
- 3 Meters PU Tube
- 1 Meter 2mm Silicone Rubber Tube
- 5 Meters Xmm Stainless Steel Sensor Tube
- (4) brackets and (8) screws for Sensor Tube
- AR-20GF Air Pressure Regulator with Pressure Gauge, Air Filter and Fittings
- Installation/Operation Manual

X=Sensor Tube Diameter: 1.6mm or 2.0mm

NON-PROGRAMMABLE / CANNOT BE DAISY CHAINED AS PART OF A LARGER SYSTEM

TUBE-SS

TUBE-SIL

BKT-SS

TUBE-PU

AR-20GF

LA504S-M-H

4-ZONE MODULAR STAND-ALONE LEAK ALARM MANIFOLD (HANDLE) (Does NOT require connection to LA500 or LM2050 control/display unit. Requires LA504-B-X Base and PCC-S-X Power/Relay Interlock cable.)

Kit Includes:

- LA504S Modular Stand-Alone Manifold with Handle Release and LED Display
- 3 Meters PU Tube
- Protection Base
- AR-20GF Air Pressure Regulator with Pressure Gauge, Air Filter and Fittings
- Installation/Operation Manual

NON-PROGRAMMABLE

CANNOT BE DAISY CHAINED AS PART OF A LARGER SYSTEM
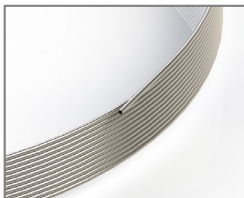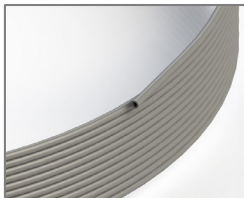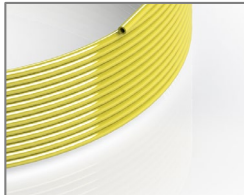
TUBE-PU
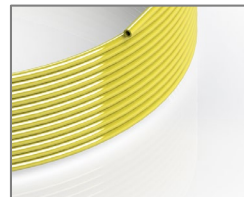
AR-20GF

4-ZONE STAND-ALONE

LA504S-M-S

4-ZONE MODULAR STAND-ALONE LEAK ALARM MANIFOLD (SCREW) (Does NOT require connection to LA500 or LM2050 control/display unit. Requires LA504-B-X Base and PCC-S-X Power/Relay Interlock cable.)

Kit Includes:
- LA504S Modular Stand-Alone Manifold with Screw Release and LED Display
- 3 Meters PU Tube
- Protection Base
- AR-20GF Air Pressure Regulator with Pressure Gauge, Air Filter and Fittings
- Installation/Operation Manual

NON-PROGRAMMABLE

CANNOT BE DAISY CHAINED AS PART OF A LARGER SYSTEM
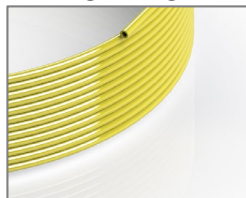
TUBE-PU   **AR-20GF**

8-ZONE (with Programmable Controller)

LA500		LM2050		LA508-X-N		PCC-X
	OR		+		+	
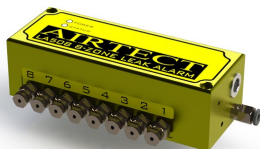
LA500		LM2050		LA508-M-H-N		LA508-B-X		PCC-X
	OR		+		+		+	

LA500		LM2050		LA508-M-S-N		LA508-B-X		PCC-X
	OR		+		+		+	

8-ZONE Stand-Alone (without Programmable Controller)

LA508S-X		PCC-S-X
	+	

LA508S-M-H		LA508-B-X		PCC-S-X
	+		+	

LA508S-M-S		LA508-B-X		PCC-S-X
	+		+	

LA508-X-N
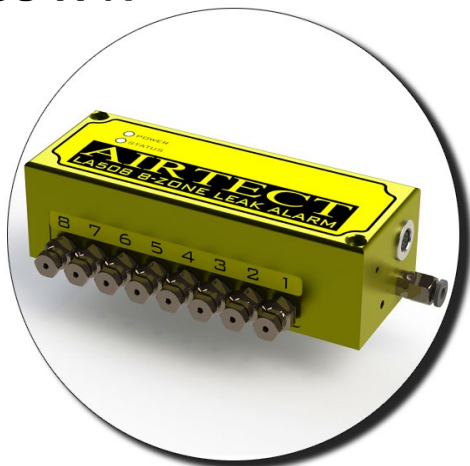
8-ZONE FIXED LEAK ALARM MANIFOLD (requires connection to LA500 or LM2050 control/display unit via PCC-X Power/Relay Interlock Cable)

Kit Includes:
- LA508 Fixed Manifold
- 3 Meters PU Tube
- 2 Meters 2mm Silicone Rubber Tube
- 10 Meters Xmm Stainless Steel Sensor Tube
- (8) brackets and (16) screws for Sensor Tube
- Installation/Operation Manual

X=Sensor Tube Diameter: 1.6mm or 2.0mm

N=1,2,3 or 4
1=Zones 1-8, **2**=Zones 9-16, **3**=Zones 17-24, **4**=Zones 25-32

PROGRAMMABLE OPTIONS VIA LA500 or LM2050

CAN BE DAISY CHAINED AS PART OF A LARGER SYSTEM

TUBE-SS

TUBE-SIL
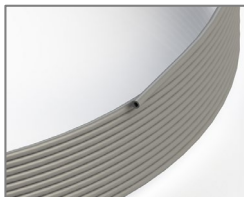
BKT-SS
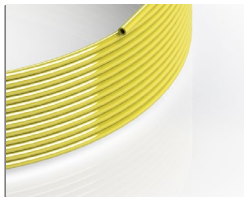
TUBE-PU
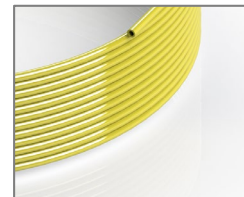
LA508-M-H-N

8-ZONE MODULAR LEAK ALARM MANIFOLD (HANDLE) (requires connection to LA500 or LM2050 control/display unit via PCC-X Power/Relay Interlock Cable. Requires LA-508-B-X Base.)

Kit Includes:
- LA508-M Modular Manifold with Handle Release
- 3 Meters PU Tube
- Protection Base
- Installation/Operation Manual

N=1,2,3 or 4
1=Zones 1-8, **2**=Zones 9-16, **3**=Zones 17-24, **4**=Zones 25-32

PROGRAMMABLE OPTIONS VIA LA500 or LM2050

TUBE-PU
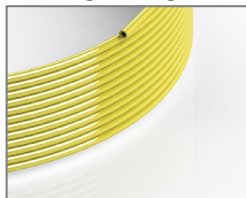
LA508-M-S-N

8-ZONE MODULAR LEAK ALARM MANIFOLD (SCREW) (requires connection to LA500 or LM2050 control/display unit via PCC-X Power/Relay Interlock Cable. Requires LA508-B-X Base.)

Kit Includes:
- LA508-M Modular Manifold with Screw Release
- 3 Meters PU Tube
- Protection Base
- Installation/Operation Manual

N=1,2,3 or 4
1=Zones 1-8, **2**=Zones 9-16, **3**=Zones 17-24, **4**=Zones 25-32

PROGRAMMABLE OPTIONS VIA LA500 or LM2050

LA508-B-X

8-ZONE MODULAR LEAK ALARM MANIFOLD BASE (USE WITH LA508-M-H, LA508-M-S, LA508S-M-H, LA508S-M-S, LA606-1L, LA506-1L-M-H, LA506-1L-M-S, LA506S-1L-M-H or LA506S-1L-M-S)

Kit Includes:
- LA508-B Manifold Base
- 2 Meters 2mm Silicone Rubber Tube
- 10 Meters Xmm Stainless Steel Sensor Tube
- (8) brackets and (16) screws for Sensor Tube

X=Sensor Tube Diameter: 1.6mm or 2.0mm

TUBE-PU
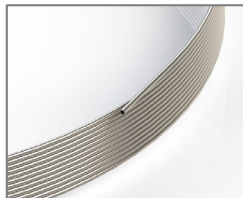
TUBE-SS

TUBE-SIL
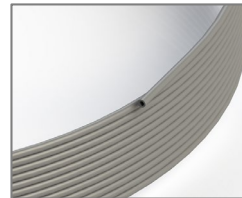
BKT-SS

8-ZONE STAND-ALONE

LA508S-X

8-ZONE FIXED STAND-ALONE LEAK ALARM MANIFOLD (Does NOT require connection to LA500 or LM2050 control/display unit. Requires PCC-S-X Power/Relay Interlock cable.)

Kit Includes:

- LA508 Fixed Stand-Alone Manifold with LED Display
- 3 Meters PU Tube
- 2 Meters 2mm Silicone Rubber Tube
- 10 Meters Xmm Stainless Steel Sensor Tube
- (8) brackets and (16) screws for Sensor Tube
- AR-20GF Air Pressure Regulator with Pressure Gauge, Air Filter and Fittings
- Installation/Operation Manual

X=Sensor Tube Diameter: 1.6mm or 2.0mm

NON-PROGRAMMABLE / CANNOT BE DAISY CHAINED AS PART OF A LARGER SYSTEM

TUBE-SS

TUBE-SIL

BKT-SS

TUBE-PU

AR-20GF

LA508S-M-H

8-ZONE MODULAR STAND-ALONE LEAK ALARM MANIFOLD (HANDLE) (Does NOT require connection to LA500 or LM2050 control/display unit. Requires LA508-B-X Base and PCC-S-X Power/Relay Interlock cable.)

Kit Includes:

- LA508S Modular Stand-Alone Manifold with Handle Release and LED Display
- 3 Meters PU Tube
- Protection Base
- AR-20GF Air Pressure Regulator with Pressure Gauge, Air Filter and Fittings
- Installation/Operation Manual

NON-PROGRAMMABLE

CANNOT BE DAISY CHAINED AS PART OF A LARGER SYSTEM
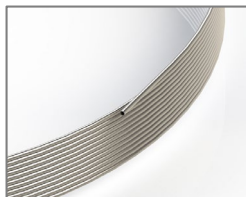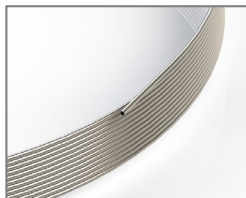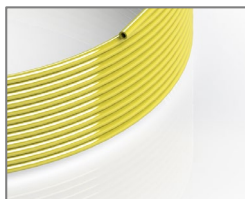
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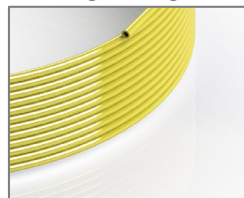
AR-20GF

8-ZONE STAND-ALONE

LA508S-M-S

8-ZONE MODULAR STAND-ALONE LEAK ALARM MANIFOLD (SCREW) (Does NOT require connection to LA500 or LM2050 control/display unit. Requires LA508-B-X Base and PCC-S-X Power/Relay Interlock cable.)

Kit Includes:

- LA508S Modular Stand-Alone Manifold with Screw Release and LED Display
- 3 Meters PU Tube
- Protection Base
- AR-20GF Air Pressure Regulator with Pressure Gauge, Air Filter and Fittings
- Installation/Operation Manual

NON-PROGRAMMABLE

CANNOT BE DAISY CHAINED AS PART OF A LARGER SYSTEM

TUBE-PU

AR-20GF

16-ZONE (with Programmable Controller)

LA500		LM2050		LA516-M-H-N		LA516-B-X		PCC-X

OR + + +

LA500		LM2050		LA516-M-S-N		LA516-B-X		PCC-X

OR + + +
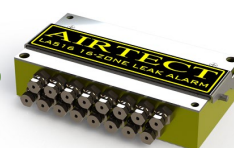
16-ZONE Stand-Alone (without Programmable Controller)
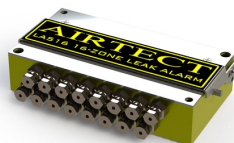
LA516S-M-H		LA516-B-X		PCC-S-X

+ +

LA516S-M-S		LA516-B-X		PCC-S-X

+ +
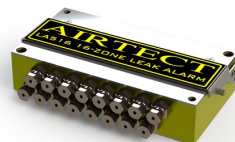
LA516-M-H-N

16-ZONE MODULAR LEAK ALARM MANIFOLD (HANDLE) (requires connection to LA500 or LM2050 control/display unit via PCC-X Power/Relay Interlock Cable. Requires LA516-B-X Base.)

Kit Includes:
- LA516-M-H Modular Manifold with Handle Release
- 3 Meters PU Tube
- Protection Base
- Installation/Operation Manual

PROGRAMMABLE OPTIONS VIA LA500 or LM2050

N=1 or 2
1=Zones 1-16, **2**=Zones 17-32

TUBE-PU

LA516-M-S-N

16-ZONE MODULAR LEAK ALARM MANIFOLD (SCREW) (requires connection to LA500 or LM2050 control/display unit via PCC-X Power/Relay Interlock Cable. Requires LA516-B-X Base.)

Kit Includes:
- LA516-M-S Modular Manifold with Screw Release
- 3 Meters PU Tube
- Protection Base
- Installation/Operation Manual

PROGRAMMABLE OPTIONS VIA LA500 or LM2050

N=1 or 2
1=Zones 1-16, **2**=Zones 17-32

TUBE-PU

16-ZONE BASE

LA516-B-X

16-ZONE MODULAR LEAK ALARM MANIFOLD BASE (Use with LA516-M-H, LA516-M-S, LA516S-M-H, LA516S-M-S, LA512-2L-M-H, LA512-2L-M-S, LA512S-2L-M-H or LA512S-2L-M-S)

Kit Includes:

- LA516-B Manifold Base
- 4 Meters 2.5mm Silicone Rubber Tube
- 20 Meters Xmm Stainless Steel Sensor Tube
- (16) brackets and screws for Sensor Tube

X=Sensor Tube Diameter: 1.6mm or 2.0mm

TUBE-SS	TUBE-SIL	BKT-SS

16-ZONE STAND-ALONE

LA516S-M-H

16-ZONE MODULAR STAND-ALONE LEAK ALARM MANIFOLD (HANDLE) (Does NOT require connection to LA500 or LM2050 control/display unit. Requires LA516-B-X Base and PCC-S-X Power/Relay Interlock cable)

Kit Includes:

- LA516S Modular Stand-Alone Manifold with Handle Release and LED Display
- 3 Meters PU Tube
- Protection Base
- AR-20GF Air Pressure Regulator with Pressure Gauge, Air Filter and Fittings
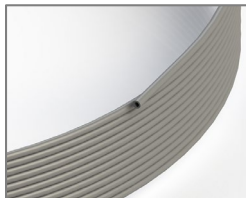- Installation/Operation Manual

NON-PROGRAMMABLE

CANNOT BE DAISY CHAINED AS PART OF A LARGER SYSTEM

TUBE-PU
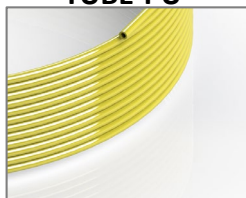
AR-20GF

LA516S-M-S

16-ZONE MODULAR STAND-ALONE LEAK ALARM MANIFOLD (SCREW) (Does NOT require connection to LA500 or LM2050 control/display unit. Requires LA516-B-X Base and PCC-S-X Power/Relay Interlock cable.)

Kit Includes:

- LA516S Modular Stand-Alone Manifold with Screw Release and LED Display
- 3 Meters PU Tube
- Protection Base
- AR-20GF Air Pressure Regulator with Pressure Gauge, Air Filter and Fittings
- Installation/Operation Manual

NON-PROGRAMMABLE

CANNOT BE DAISY CHAINED AS PART OF A LARGER SYSTEM

TUBE-PU

AR-20GF

24-ZONE (with Programmable Controller)

LA500		LM2050		LA524-M-H-N		LA524-B-X		PCC-X
	OR		+		+		+	

LA500		LM2050		LA524-M-S-N		LA524-B-X		PCC-X
	OR		+		+		+	

24-ZONE Stand-Alone (without Programmable Controller)

LA524S-M-H		LA524-B-X		PCC-S-X
	+		+	

LA524S-M-S		LA524-B-X		PCC-S-X
	+		+	
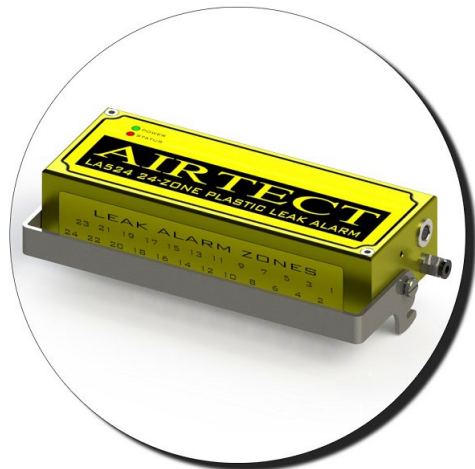
LA524-M-H-N

24-ZONE MODULAR LEAK ALARM MANIFOLD (HANDLE) (requires connection to LA500 or LM2050 control/display unit via PCC-X Cable. Requires LA524-B-X Base.)
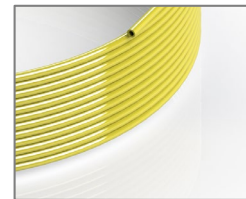
Kit Includes:
- LA524-M-H Modular Manifold with Handle Release
- 3 Meters PU Tube
- Protection Base
- Installation/Operation Manual

PROGRAMMABLE OPTIONS VIA LA500 or LM2050

N=1 or 2
1=Zones 1-24, **2**=Zones 25-48

TUBE-PU

LA524-M-S-N

24-ZONE MODULAR LEAK ALARM MANIFOLD (SCREW) (requires connection to LA500 or LM2050 control/display unit via PCC-X Cable. Requires LA524-B-X Base.)

Kit Includes:
- LA524-M-S Modular Manifold with Screw Release
- 3 Meters PU Tube
- Protection Base
- Installation/Operation Manual

PROGRAMMABLE OPTIONS VIA LA500 or LM2050

N=1 or 2
1=Zones 1-24, **2**=Zones 25-48

TUBE-PU
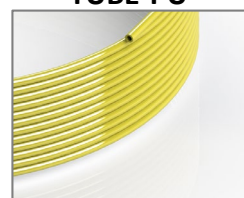
24-ZONE BASE

LA524-B-X

24-ZONE MODULAR LEAK ALARM MANIFOLD BASE (Use with LA524-M-H, LA524-M-S, LA524S-M-H, LA524S-M-S, LA520-2L-S-M-H or LA520-2L-S-M-S)
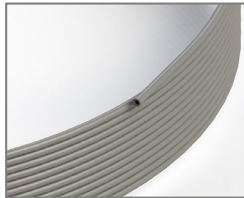
Kit Includes:
- LA524-B Manifold Base
- 6 Meters 2.5mm Silicone Rubber Tube
- 30 Meters 1.6mm Stainless Steel Sensor Tube
- (24) brackets and screws for Sensor Tube

X=Sensor Tube Diameter: 1.6mm or 2.0mm

TUBE-SS	TUBE-SIL	BKT-SS

LA524S-M-H

24-ZONE MODULAR STAND-ALONE LEAK ALARM MANIFOLD (HANDLE) (Does NOT require connection to LA500 or LM2050 control/display unit. Requires LA524-B-X Base and PCC-S-X Power/Relay Interlock cable.)

Kit Includes:
- LA524S Modular Stand-Alone Manifold with Handle Release and LED Display
- 3 Meters PU Tube
- Protection Base
- AR-20GF Air Pressure Regulator with Pressure Gauge, Air Filter and Fittings
- Installation/Operation Manual

NON-PROGRAMMABLE

CANNOT BE DAISY CHAINED AS PART OF A LARGER SYSTEM

TUBE-PU

AR-20GF

LA524S-M-S

24-ZONE MODULAR STAND-ALONE LEAK ALARM MANIFOLD (SCREW) (Does NOT require connection to LA500 or LM2050 control/display unit. Requires LA524-B-X Base and PCC-S-X Power/Relay Interlock cable.)
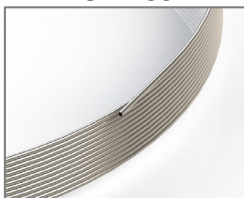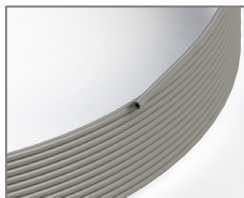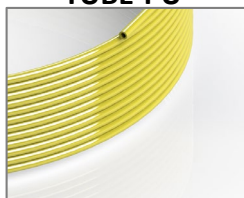
Kit Includes:
- LA524S Modular Stand-Alone Manifold with Screw Release and LED Display
- 3 Meters PU Tube
- Protection Base
- AR-20GF Air Pressure Regulator with Pressure Gauge, Air Filter and Fittings
- Installation/Operation Manual

NON-PROGRAMMABLE

CANNOT BE DAISY CHAINED AS PART OF A LARGER SYSTEM

TUBE-PU

AR-20GF

AIRTECT ULTIMATE
Plastic Leak Alarm System

COMPLETE HOT RUNNER MOLD PROTECTION!
DETECT YOUR HOT RUNNER LEAKS EARLY!

- New ULTIMATE range of Plastic Leak Detection Manifolds incorporate 'POINT' Leak Detection Zones + 'LOOP' Leak Detection Zones in the one Manifold.

- 'POINT' Plastic Leak Detection Zones are used for the detection of leaking plastic at the Nozzle Gates.

- 'LOOP' Plastic Leak Detection Zones are used for the detection of leaking plastic at numerous locations on the Hot Runner Manifold.

- 'LOOP' Plastic Leak Detection is provided when the Silicone Rubber tubes are Compressed OR Broken due to closed circuit design.

- Available in 3 Manifold Sizes: 6 Point+1 Loop, 12 Point+2 Loops, 20 Point +2 Loops.

- Available as Stand-Alone Manifolds.

- Patent Pending.

INSTALLATION EXAMPLE USING LA512-2L-S ULTIMATE STAND ALONE MANIFOLD:

'POINT' Plastic Leak Detection Zones:
- 8 used on the Nozzle Gates (4 unused)

'LOOP' Plastic Leak Detection Zones:
- 1 loop circuit used on the 8 x Nozzle/Manifold interfaces.
- 1 loop circuit used on the rear Inlet Bushing/Manifold interface.
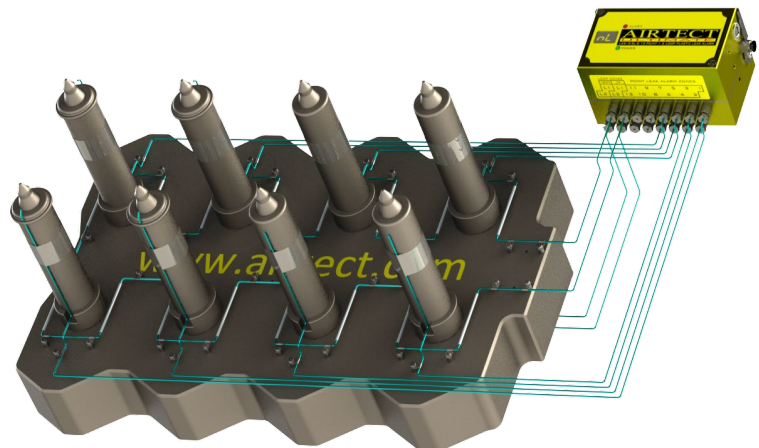
LA506-1L-S-X   **PCC-S-X**

 +

LA506-1L-S-M-H   **LA508-B-X**   **PCC-S-X**

 + **+**

LA506-1L-S-M-S   **LA508-B-X**   **PCC-S-X**

 + **+**

LA506-1L-S-X

6-ZONE + 1 LOOP FIXED STAND-ALONE ULTIMATE LEAK ALARM MANIFOLD (Does NOT require connection to LA500 or LM2050 control/display unit. Requires PCC-S-X Power/Relay Interlock cable)

Kit Includes:

- LA506-1L-S **ULTIMATE** Fixed Stand-Alone Manifold with LED Display
- 3 Meters PU Tube
- 2 Meters 2mm Silicone Rubber Tube
- 10 Meters Xmm Stainless Steel Sensor Tube
- (8) Bracket kits for Sensor Tube
- AR-20GF Air Pressure Regulator with Pressure Gauge, Air Filter and Fittings
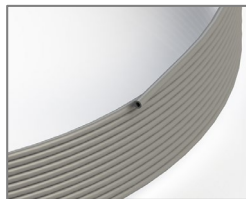- Installation/Operation Manual

X=Sensor Tube Diameter: 1.6mm or 2.0mm

NON-PROGRAMMABLE / CANNOT BE DAISY CHAINED AS PART OF A LARGER SYSTEM
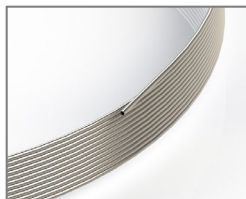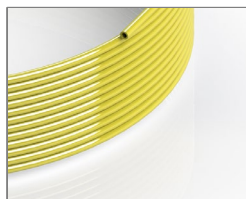
TUBE-SS

TUBE-SIL

BKT-SS

TUBE-PU

AR-20GF

LA506-1L-S-M-H

6-ZONE + 1 LOOP MODULAR STAND-ALONE ULTIMATE LEAK ALARM MANIFOLD (HANDLE) (Does NOT require connection to LA500 or LM2050 control/display unit. Requires LA508-B-X Base and PCC-S-X Power/Relay Interlock cable.)

Kit Includes:

- LA506-1L-S-M-H **ULTIMATE** Modular Stand-Alone Manifold with Handle Release and LED Display
- 3 Meters PU Tube
- Protection Base
- AR-20GF Air Pressure Regulator with Pressure Gauge, Air Filter and Fittings
- Installation/Operation Manual

NON-PROGRAMMABLE

CANNOT BE DAISY CHAINED AS PART OF A LARGER SYSTEM

TUBE-PU

AR-20GF

LA506-1L-S-M-S

6-ZONE + 1 LOOP MODULAR STAND-ALONE ULTIMATE LEAK ALARM MANIFOLD (SCREW) (Does NOT require connection to LA500 or LM2050 control/display unit. Requires LA508-B-X Base and PCC-S-X Power/Relay Interlock cable.)
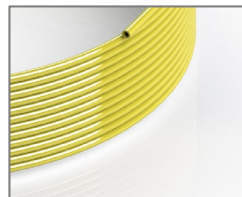
Kit Includes:
- LA506-1L-S-M-S **ULTIMATE** Modular Stand-Alone Manifold with Screw Release and LED Display
- 3 Meters PU Tub
- Protection Base
- AR-20GF Air Pressure Regulator with Pressure Gauge, Air Filter and Fittings
- Installation/Operation Manual

NON-PROGRAMMABLE

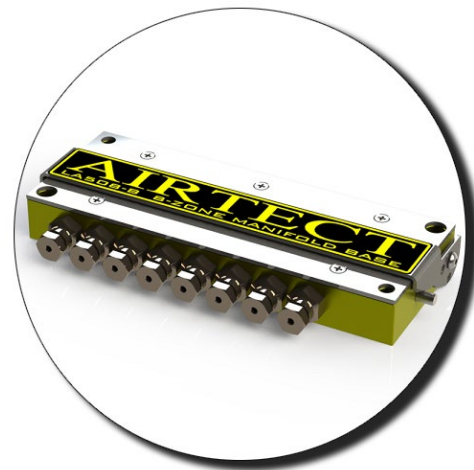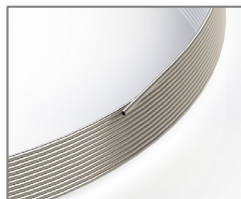CANNOT BE DAISY CHAINED AS PART OF A LARGER SYSTEM

LA508-B-X

8-ZONE MODULAR LEAK ALARM MANIFOLD BASE (USE WITH LA508-M-H, LA508-M-S, LA508S-M-H, LA508S-M-S, LA506-1L-S-M-H or LA506-1L-S-M-S)
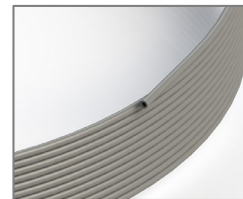
Kit Includes:
- LA508-B Manifold Base
- 2 Meters 2mm Silicone Rubber Tube
- 10 Meters Xmm Stainless Steel Sensor Tube
- (8) brackets and (16) screws for Sensor Tube

X=Sensor Tube Diameter: 1.6mm or 2.0mm

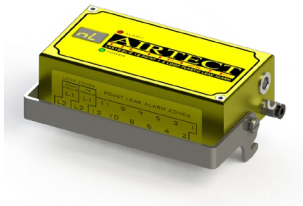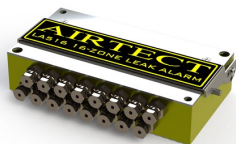| TUBE-PU	AR-20GF	TUBE-SS	TUBE-SIL	BKT-SS

12-Zone + 2 LOOP (Stand-Alone)

LA512-2L-S-M-H   **LA516-B-X**   **PCC-S-X**

 + **+**
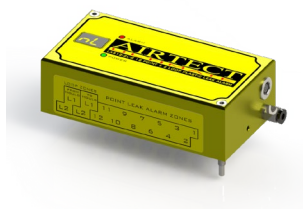
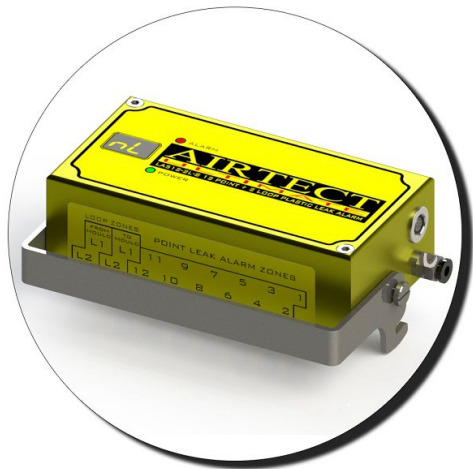**LA512-2L-S-M-S**   **LA516-B-X**   **PCC-S-X**

 + **+**

12-ZONE + 2 LOOP STAND-ALONE

LA512-2L-S-M-H

12-ZONE + 2 LOOP MODULAR STAND-ALONE ULTIMATE LEAK ALARM MANIFOLD (HANDLE) (Does NOT require connection to LA500 or LM2050 control/display unit. Requires LA516-B-X Base and PCC-S-X Power/Relay Interlock cable.)

Kit Includes:
- LA512-2L-S-M-H **ULTIMATE** Modular Stand-Alone Manifold with Handle Release and LED Display
- 3 Meters PU Tube
- Protection Base
- AR-20GF Air Pressure Regulator with Pressure Gauge, Air Filter and Fittings
- Installation/Operation Manual

NON-PROGRAMMABLE

CANNOT BE DAISY CHAINED AS PART OF A LARGER SYSTEM

TUBE-PU	AR-20GF

LA512-2L-S-M-S

12-ZONE + 2 LOOP MODULAR STAND-ALONE ULTIMATE LEAK ALARM MANIFOLD (SCREW) (Does NOT require connection to LA500 or LM2050 control/display unit. Requires LA516-B-X Base and PCC-S-X Power/Relay Interlock cable.)
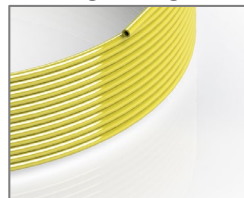
Kit Includes:
- LA512-2L-S-M-S **ULTIMATE** Modular Stand-Alone Manifold with Screw Release and LED Display
- 3 Meters PU Tube
- Protection Base
- AR-20GF Air Pressure Regulator with Pressure Gauge, Air Filter and Fittings
- Installation/Operation Manual

NON-PROGRAMMABLE

CANNOT BE DAISY CHAINED AS A PART OF A LARGER SYSTEM

TUBE-PU	AR-20GF

12-ZONE + 2 LOOP BASE

LA516-B-X

16-ZONE MODULAR LEAK ALARM MANIFOLD BASE (Use with LA516-M-H, LA516-M-S, LA516S-M-H, LA516S-M-S, LA512-2L-S-M-H or LA512-2L-S-M-S)
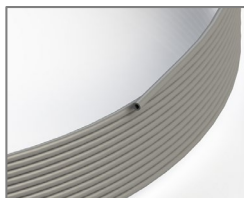
Kit Includes:
- LA516-B Manifold Base
- 4 Meters 2.5mm Silicone Rubber Tube
- 20 Meters Xmm Stainless Steel Sensor Tube
- (16) Bracket kits for Sensor Tube

X=Sensor Tube Diameter: 1.6mm or 2.0mm

TUBE-SS	TUBE-SIL	BKT-SS

20-Zone + 2 LOOP (Stand-Alone)

LA520-2L-S-M-H

+

LA524-B-X

+

PCC-S-X

LA520-2L-S-M-S

+
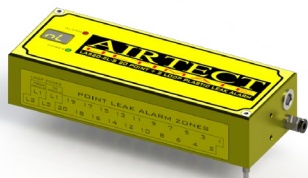
LA524-B-X

+

PCC-S-X

20-ZONE + 2 LOOP STAND-ALONE

LA520-2L-S-M-H

20-ZONE + 2 LOOP MODULAR STAND-ALONE ULTIMATE LEAK ALARM MANIFOLD (HANDLE) (Does NOT require connection to LA500 or LM2050 control/display unit. Requires LA524-B-X Base and PCC-S-X Power/Relay Interlock cable.)

Kit Includes:
- LA520-2L-S-M-H **ULTIMATE** Modular Stand-Alone Manifold with Handle Release and LED Display
- 3 Meters PU Tube
- Protection Base
- AR-20GF Air Pressure Regulator with Pressure Gauge, Air Filter and Fittings
- Installation/Operation Manual

NON-PROGRAMMABLE

CANNOT BE DAISY CHAINED AS PART OF A LARGER SYSTEM

TUBE-PU   **AR-20GF**

LA520-2L-S-M-S

20-ZONE + 2 LOOP MODULAR STAND-ALONE ULTIMATE LEAK ALARM MANIFOLD (SCREW) (Does NOT require connection to LA500 or LM2050 control/display unit. Requires LA524-B-X Base and PCC-S-X Power/Relay Interlock cable.)
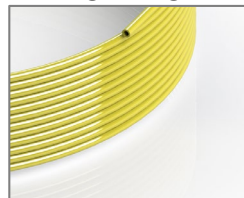
Kit Includes:
- LA520-2L-S-M-S **ULTIMATE** Modular Stand-Alone Manifold with Screw Release and LED Display
- 3 Meters PU Tube
- Protection Base
- AR-20GF Air Pressure Regulator with Pressure Gauge, Air Filter and Fittings
- Installation/Operation Manual

NON-PROGRAMMABLE

CANNOT BE DAISY CHAINED AS PART OF A LARGER SYSTEM
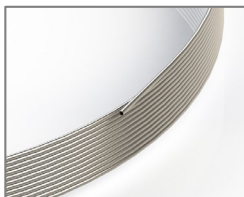
TUBE-PU   **AR-20GF**

LA524-B-X

24-ZONE MODULAR LEAK ALARM MANIFOLD BASE (Use with LA524-M-H, LA524-M-S, LA524S-M-H, LA524S-M-S, LA520-2L-S-M-H or LA520-2L-S-M-S)
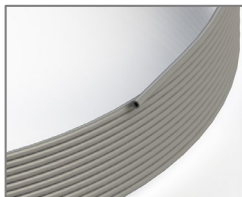
Kit Includes:
- LA524-B Manifold Base
- 6 Meters 2.5mm Silicone Rubber Tube
- 30 Meters Xmm Stainless Steel Sensor Tube
- (24) bracket kits for Sensor Tube
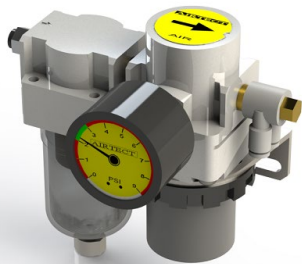
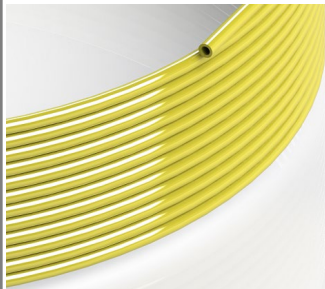**X=Sensor Tube Diameter: 1.6mm or 2.0mm**

TUBE-SS	TUBE-SIL	BKT-SS

AR-20GF

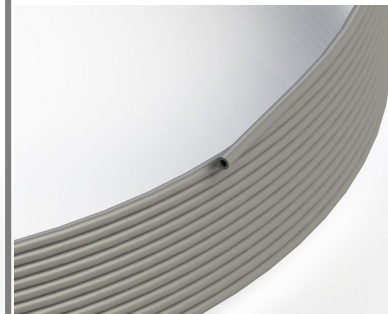Air Pressure Regulator with gauge, air filter and fittings

TUBE-PU-10M

10mm Coil of 4mm PU (Plastic) Tubing
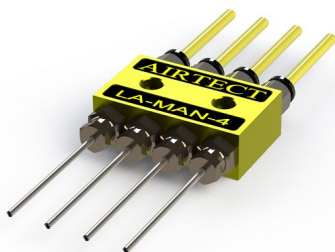
PCC-X

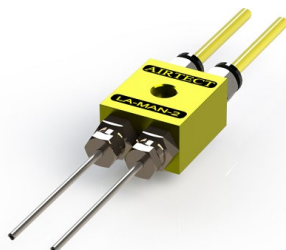Power / Communication Cable

TUBE-SIL-10M-X

10 Meter Coil of 2.5mm Silicone Rubber Tubing

LA-MAN-4-X

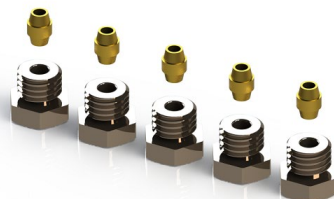4-Zone Tube Adaptor

LA-MAN-2-X

2-Zone Tube Adaptor

NUT-SS-X

Nut and Olive Set of 5 for Stainless Steel Tubing

FIT-PU-SS-X

Joiner Fitting for 4mm PU (Plastic) Tube

FIT-SS-SS-X

Joiner Fitting for Stainless Steel Tubing

TUBE-SS-10M-X

10 Meter Coil of Stainless Steel Tubing

BKT-SS

Mounting Bracket Set of 10 for Stainless Steel Tubing

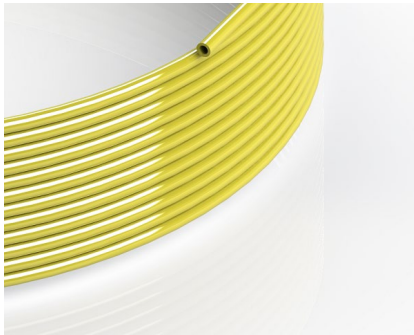## PCC-S-X

Power / Relay Interlock Cable

AR-20GF

AIR PRESSURE REGULATOR WITH PRESSURE GAUGE, AIR FILTER AND FITTINGS

Use with LA500 and LM2050 Injection Nozzle Plastic Leak Alarm and Control Units

WEIGHT 0.35 Kg

TUBE-PU-10M

10 METER COIL OF 4mm PU (plastic) TUBING

Use for air connections between Control Units, Manifolds, Regulators and Supply

WEIGHT 0.05 Kg

PCC-X

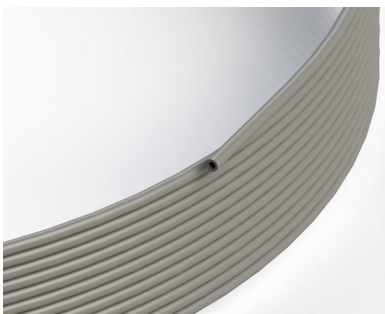**POWER/COMUNICATION CABLE X Meter**

Use to connect LA500 or LM2050 to Manifold or Manifold to Manifold (daisy chain) up to 32 Channels.

Standard sizes are (Meters):
 X = 0.6   X = 1.5   X = 3   X = 5   X = 10

WEIGHT 0.10 Kg

TUBE-SIL-10M-X

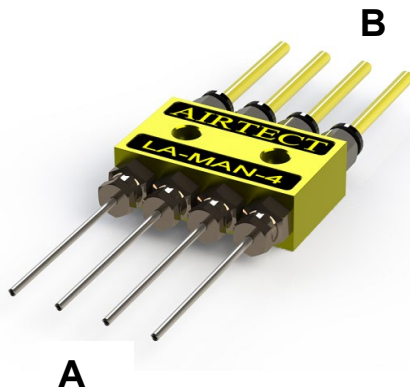**10 METER COIL OF Xmm SILICONE RUBBER TUBING**

Use to make Sensor Tube ends for LA500 and LM2050 and use to extend the range of LA508/LA516 leak detection.

X=2.0mm or 2.5mm

WEIGHT 0.05 Kg

ACCESSORIES

LA-MAN-4-X

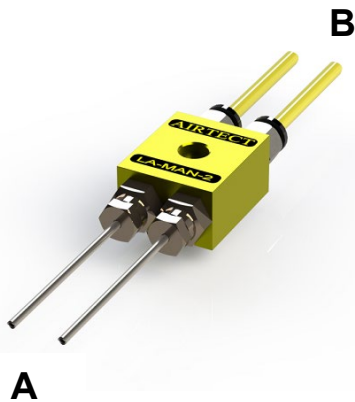**4-ZONE TUBE ADAPTOR MANIFOLD(Use to join Stainless Steel Tube to Stainless Steel Tube or PU Tube)**

Kit Includes:
• LA-MAN-4-X Manifold and Fittings to suit the following Tube Sizes:

X=1	A=SS1.6mm	B=SS1.6mm
X=2	A=SS1.6mm	B=SS2.0mm
X=3	A=SS1.6mm	B=PU4.0mm
X=4	A=SS2.0mm	B=SS2.0mm
X=5	A=SS2.0mm	B=PU4.0mm
X=6	A=PU4.0mm	B=PU4.0mm

WEIGHT 0.15 Kg

LA-MAN-2-X

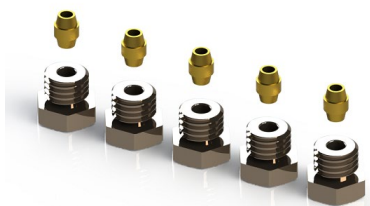**2-ZONE TUBE ADAPTOR MANIFOLD (Use to join Stainless Steel Tube to Stainless Steel Tube or PU Tube)**

Kit Includes:
• LA-MAN-2-X Manifold and Fittings to suit the following Tube Sizes:

X=1	A=SS1.6mm	B=SS1.6mm
X=2	A=SS1.6mm	B=SS2.0mm
X=3	A=SS1.6mm	B=PU4.0mm
X=4	A=SS2.0mm	B=SS2.0mm
X=5	A=SS2.0mm	B=PU4.0mm
X=6	A=PU4.0mm	B=PU4.0mm

WEIGHT 0.07 Kg

NUT-SS-X

NUT and OLIVE SET (5pcs) FOR Xmm OD STAINLESS STEEL TUBING

Use to connect Stainless Steel Sensor Tube to Manifold (LA508, LA508-B or LA516-B)

X = 1.6 for 1.6mm Sensor Tubing
X = 2.0 for 2.0mm Sensor Tubing

WEIGHT 0.02 Kg

PCC-S-X

POWER/RELAY INTERLOCK CABLE X Meter

Use to connect Stand Alone Manifolds to DC Power and Interlock Relay connections
Standard sizes are (Meters):
X = 3   X = 5   X = 10

WEIGHT 0.10 K

ACCESSORIES

FIT-PU-SS-X

JOINER FITTING FOR 4mm PU TUBE TO Xmm OD STAINLESS STEEL TUBING

Use to connect PU Tube to Stainless Steel Sensor Tubing

X = 1.6 for 1.6mm Sensor Tubing
X = 2.0 for 2.0mm Sensor Tubing

FIT-SS-SS-X

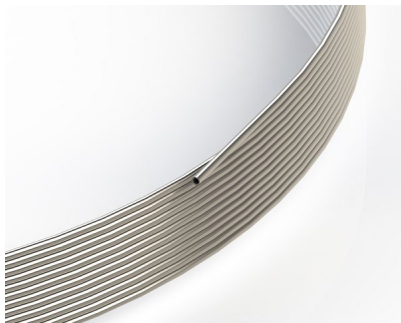**JOINER FITTING FOR Xmm OD STAINLESS STEEL TUBING**

Use to connect Stainless Steel Sensor Tube to Stainless Steel Sensor Tubing

X = 1.6 for 1.6mm Sensor Tubing
X = 2.0 for 2.0mm Sensor Tubing

WEIGHT 0.01 Kg

TUBE-SS-10M-X

10 METER COIL OF Xmm OD STAINLESS STEEL TUBING

Use as Sensor Tubing within Hot Runner mold or molding Machine Barrel/Nozzle

X = 1.6 for 1.6mm Sensor Tubing
X = 2.0 for 2.0mm Sensor Tubing

WEIGHT 0.15 Kg

BKT-SS

MOUNTING BRACKET SET (10pcs) FOR STAINLESS STEEL TUBING

Use to secure Stainless Steel Sensor Tube to Hot Runner Manifold/Mold Plate, etc.
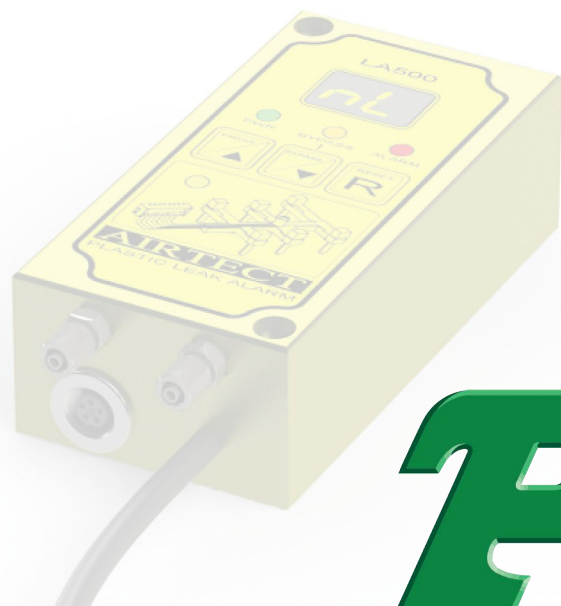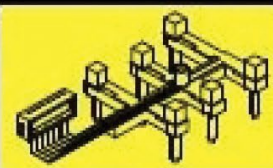
Kit Includes:
- 10 x Mounting Brackets
- 20 x 2.9mm Self Tapping Stainless Screws
- Suitable for 1.6mm or 2.0mm Sensor Tube

WEIGHT 0.01 Kg

AIRTECT
Plastic Leak Alarm System

PCS COMPANY

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