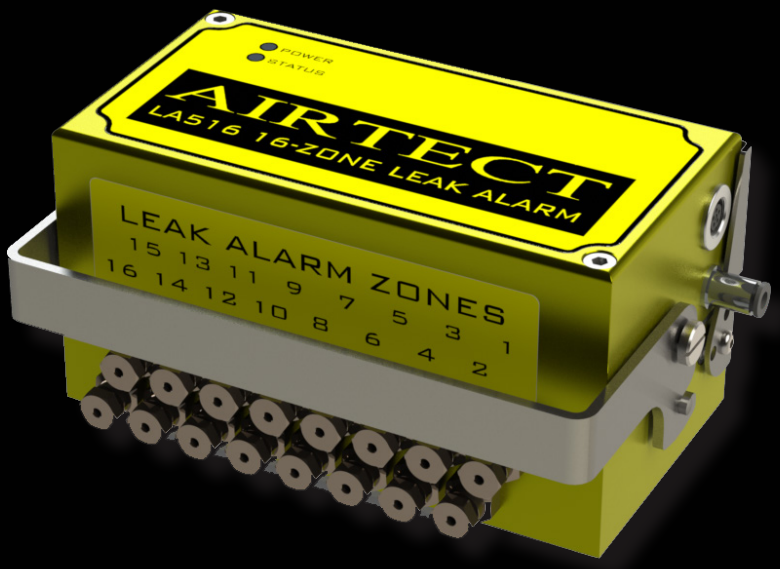
AIRTECT

Plastic Leak Alarm System

PRODUCTS AND SPARE PARTS CATALOGUE



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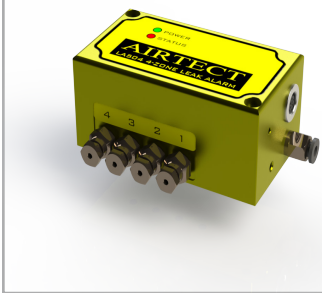
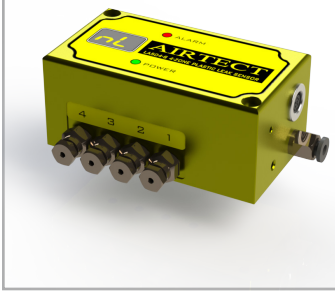
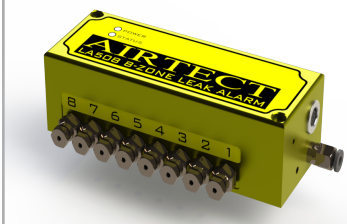
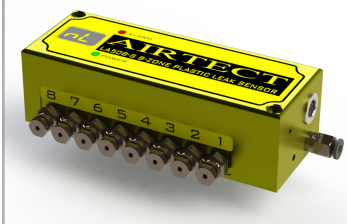
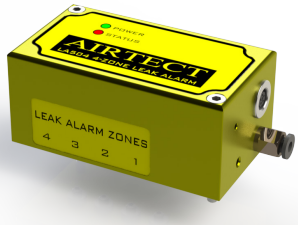
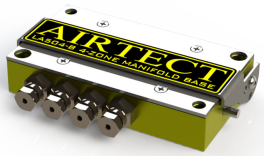
Part Number	Description
LA500 	INJECTION NOZZLE PLASTIC LEAK ALARM (AND CONTROL UNIT FOR LA508/516 MANIFOLD) Kit Includes: • LA500 with 2 x 7-segment LED display with programmable operational settings • AR-20GF Air Pressure Regulator with Pressure Gauge, Air Filter and Fittings • 3 Meters PU Tube • 0.5 Metres 2.5mm Silicone Rubber Tube • 3 Meters 2mm Stainless Steel Sensor Tube • Installation/Operation Manual • 2 Meter Electrical Power/Interlock Cable KIT SIZE(cm) 22 x 28 x 8 KIT WEIGHT 0.9Kg
LM2050 	INJECTION NOZZLE PLASTIC LEAK ALARM (AND CONTROL UNIT FOR LA508/516 MANIFOLD) 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 • Installation/Operation Manual • 3 Meter Electrical Power/Interlock Cable KIT SIZE(cm) 22 x 28 x 8 KIT WEIGHT 1 Kg

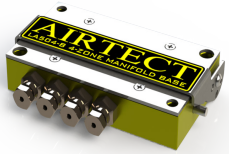
Part Number	Description
LA504 	4-ZONE FIXED LEAK ALARM MANIFOLD (requires connection to LA500 or LM2050 control/ display unit) Kit Includes: • LA504 Manifold (fixed type) • 3 Meters PU Tube • 1 Meter 2mm Silicone Rubber Tube • 5 Meters 1.6mm Stainless Steel Sensor Tube • (4)off Bracket and (8)screws for Sensor Tube PROGRAMMABLE OPTIONS VIA LA500 or LM2050 CANNOT BE DAISY CHAINED AS PART OF A LARGER SYSTEM KIT SIZE(cm) 22 x 28 x 8 KIT WEIGHT 0.7 Kg
LA504S 	4-ZONE FIXED STAND-ALONE LEAK ALARM MANIFOLD (does NOT require connection to LA500 or LM2050 control/display unit) Kit Includes: • LA504S Manifold (fixed type) with LED Display • 3 Meters PU Tube • 1 Meter 2mm Silicone Rubber Tube • 5 Meters 1.6mm Stainless Steel Sensor Tube • (4)off Bracket and (8)screws for Sensor Tube • 3 Meter Power/Relay Interlock Cable NON-PROGRAMMABLE CANNOT BE DAISY CHAINED AS PART OF A LARGER SYSTEM KIT SIZE(cm) 22 x 28 x 8 KIT WEIGHT 0.7 Kg

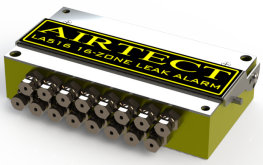
Part Number	Description
LA508-N 	8-ZONE FIXED LEAK ALARM MANIFOLD (requires connection to LA500 or LM2050 control/display unit) Kit Includes: • LA508 Manifold (fixed type) • 3 Meters PU Tube • 2 Meters 2mm Silicone Rubber Tube • 10 Meters 1.6mm Stainless Steel Sensor Tube • (8)off Bracket and (16)screws for Sensor Tube 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 KIT SIZE(cm) 22 x 28 x 8 KIT WEIGHT 1 Kg
LA508S 	8-ZONE FIXED STAND-ALONE LEAK ALARM MANIFOLD (does NOT require connection to LA500 or LM2050 control/display unit) Kit Includes: • LA508 Manifold (fixed type) with LED Display • 3 Meters PU Tube • 2 Meters 2mm Silicone Rubber Tube • 10 Meters 1.6mm Stainless Steel Sensor Tube • (8)off Bracket and (16)screws for Sensor Tube •3 Meter Power/Relay Interlock Cable NON-PROGRAMMABLE CANNOT BE DAISY CHAINED AS PART OF A LARGER SYSTEM KIT SIZE(cm) 22 x 28 x 8 KIT WEIGHT 1 Kg

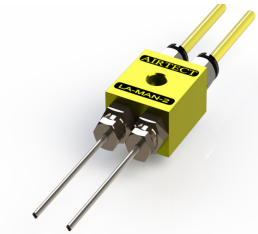
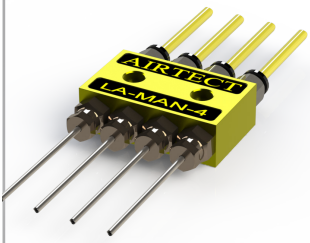
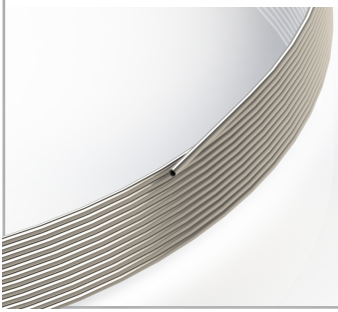
Part Number	Description
LA504-M-H 	4-ZONE MODULAR LEAK ALARM MANIFOLD (HANDLE) (requires connection to LA500 or LM2050 control/display unit) Kit Includes: • LA504 Manifold (modular type with Handle Release) • 3 Meters PU Tube • Protection Base PROGRAMMABLE OPTIONS VIA LA500 or LM2050 CANNOT BE DAISY CHAINED AS PART OF A LARGER SYSTEM KIT SIZE(cm) 22 x 28 x 8 KIT WEIGHT 0.7 Kg
LA504-M-S 	4-ZONE MODULAR LEAK ALARM MANIFOLD (SCREW) (requires connection to LA500 or LM2050 control/display unit) Kit Includes: • LA504 Manifold (modular type with Screw Release) • 3 Meters PU Tube • Protection Base PROGRAMMABLE OPTIONS VIA LA500 or LM2050 CANNOT BE DAISY CHAINED AS PART OF A LARGER SYSTEM KIT SIZE(cm) 22 x 28 x 8 KIT WEIGHT 0.7 Kg
LA504S-M-H 	4-ZONE MODULAR STAND-ALONE LEAK ALARM MANIFOLD (HANDLE) (does NOT require connection to LA500 or LM2050 control/display unit) Kit Includes: • LA504S Stand-Alone Modular Manifold with handle release • 3 Meters PU Tube • 3 Meter Power/Relay Interlock Cable • Protection Base NON-PROGRAMMABLE CANNOT BE DAISY CHAINED AS PART OF A LARGER SYSTEM KIT SIZE(cm) 22 x 28 x 8 KIT WEIGHT 0.7 Kg

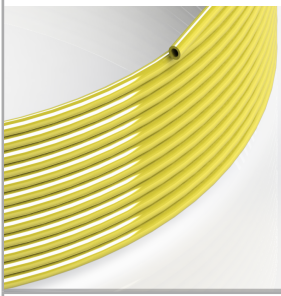
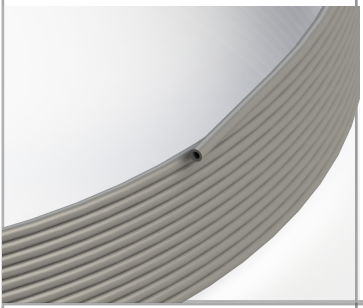
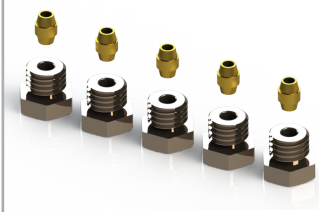
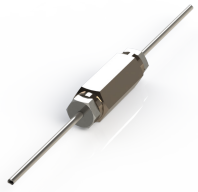
Part Number	Description
LA504S-M-S 	4-ZONE MODULAR STAND-ALONE LEAK ALARM MANIFOLD (SCREW) (does NOT require connection to LA500 or LM2050 control/display unit) Kit Includes: • LA504S Stand-Alone Modular Manifold with screw release • 3 Meters PU Tube • 3 Meter Power/Relay Interlock Cable • Protection Base NON-PROGRAMMABLE CANNOT BE DAISY CHAINED AS PART OF A LARGER SYSTEM KIT SIZE(cm) 22 x 28 x 8 KIT WEIGHT 0.7 Kg
LA504-B 	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 • 5 Meters 1.6mm Stainless Steel Sensor Tube • (4)off Bracket and (8)screws for Sensor Tube • 1 Meter 2mm Silicone Rubber Tube KIT SIZE(cm) 22 x 28 x 8 KIT WEIGHT 0.8Kg
LA508-M-H-N 	8-ZONE MODULAR LEAK ALARM MANIFOLD (HANDLE) (requires connection to LA500 or LM2050 control/display unit) Kit Includes: • LA508-M Modular Manifold with Handle Release • 3 Meters PU Tube • Protection Base PROGRAMMABLE OPTIONS VIA LA500 or LM2050 N=1,2,3 or 4 1=Zones 1-8, 2=Zones 9-16, 3=Zones 17-24, 4=Zones 25-32 KIT SIZE(cm) 22 x 28 x 8 KIT WEIGHT 1.1Kg

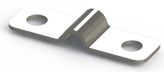
Part Number	Description
LA508-M-S-N 	8-ZONE MODULAR LEAK ALARM MANIFOLD (SCREW) (requires connection to LA500 or LM2050 control/ display unit) Kit Includes: • LA508-M Modular Manifold with Screw Release • 3 Meters PU Tube • Protection Base PROGRAMMABLE OPTIONS VIA LA500 or LM2050 N=1,2,3 or 4 1=Zones 1-8, 2=Zones 9-16, 3=Zones 17-24 4=Zones 25-32 KIT SIZE(cm) 22 x 28 x 8 KIT WEIGHT 1.1Kg
LA508S-M-H 	8-ZONE MODULAR STAND-ALONE LEAK ALARM MANIFOLD (HANDLE) (does NOT require connection to LA500 or LM2050 control/display unit) Kit Includes: • LA508S Stand-Alone Modular Manifold with handle release • 3 Meters PU Tube • 3 Meter Power/Relay Interlock Cable • Protection Base NON-PROGRAMMABLE CANNOT BE DAISY CHAINED AS PART OF A LARGER SYSTEM KIT SIZE(cm) 22 x 28 x 8 KIT WEIGHT 1.1 Kg
LA508S-M-S 	8-ZONE MODULAR STAND-ALONE LEAK ALARM MANIFOLD (SCREW) (does NOT require connection to LA500 or LM2050 control/display unit) Kit Includes: • LA508S Stand-Alone Modular Manifold with screw release • 3 Meters PU Tube • 3 Meter Power/Relay Interlock Cable • Protection Base NON-PROGRAMMABLE CANNOT BE DAISY CHAINED AS PART OF A LARGER SYSTEM KIT SIZE(cm) 22 x 28 x 8 KIT WEIGHT 0.7 Kg

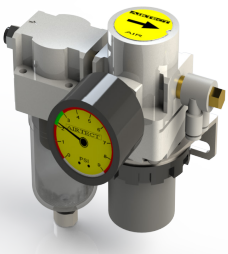
Part Number	Description
LA508-B 	8-ZONE MODULAR LEAK ALARM MODULAR MANIFOLD BASE (USE WITH LA508-M-H, LA508-M-S, LA508S-M-H or LA508S-M-S) Kit Includes: • LA508-B Manifold Base • 10 Meters 1.6mm Stainless Steel Sensor Tube • (8)off Bracket and (16)screws for Sensor Tube • 2 Meters 2mm Silicone Rubber Tube KIT SIZE(cm) 22 x 28 x 8 KIT WEIGHT 0.8Kg
LA516-M-H-N	16-ZONE MODULAR LEAK ALARM MANIFOLD (HANDLE) (requires connection to LA500 or LM2050 control/ display unit) Kit Includes: • LA516-M-H Manifold (with handle release) • 3 Meters PU Tube • Protection Base PROGRAMMABLE OPTIONS VIA LA500 or LM2050 N=1 or 2 1=Zones 1-16, 2=Zones 17-32 KIT SIZE(cm) 22 x 28 x 8 KIT WEIGHT 1.5 Kg
LA516-M-S-N	16-ZONE MODULAR LEAK ALARM MANIFOLD (SCREW) (requires connection to LA500 or LM2050 control/ display unit) Kit Includes: • LA516-M-S Manifold (with screw release) • 3 Meters PU Tube • Protection Base PROGRAMMABLE OPTIONS VIA LA500 or LM2050 N=1 or 2 1=Zones 1-16, 2=Zones 17-32 KIT SIZE(cm) 22 x 28 x 8 KIT WEIGHT 1.2Kg

Part Number	Description
LA516S-M-H	16-ZONE MODULAR STAND-ALONE LEAK ALARM MANIFOLD (HANDLE) (does NOT require connection to LA500 or LM2050 control/display unit) Kit Includes: • LA508S Stand-Alone Modular Manifold with handle release • 3 Meters PU Tube • 3 Meter Power/Relay Interlock Cable • Protection Base NON-PROGRAMMABLE CANNOT BE DAISY CHAINED AS PART OF A LARGER SYSTEM KIT SIZE(cm) 22 x 28 x 8 KIT WEIGHT 1.1 Kg
LA516S-M-S	16-ZONE MODULAR STAND-ALONE LEAK ALARM MANIFOLD (SCREW) (does NOT require connection to LA500 or LM2050 control/display unit) Kit Includes: • LA508S Stand-Alone Modular Manifold with screw release • 3 Meters PU Tube • 3 Meter Power/Relay Interlock Cable • Protection Base NON-PROGRAMMABLE CANNOT BE DAISY CHAINED AS PART OF A LARGER SYSTEM KIT SIZE(cm) 22 x 28 x 8 KIT WEIGHT 0.7 Kg
LA516-B 	16-ZONE PLASTIC LEAK ALARM MODULAR MANIFOLD BASE (Use with LA516-M-H, LA516-M-S, LA516S-M-H or LA516S-M-S) Kit Includes: • LA516-B Manifold Base • 20 Meters 1.6mm Stainless Steel Sensor Tube • (16)off Bracket and screws for Sensor Tube • 4 Meters 2.5mm Silicone Rubber Tube KIT SIZE(cm) 22 x 28 x 8 WEIGHT 1.4Kg

Part Number	Description
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 0.07Kg
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 0.15Kg
TUBE-SS-10M-X 	10 METER COIL OF Xmm OD STAINLESS STEEL TUBING Use as Sensor Tubing within Hot Runner Mould or Moulding Machine Barrel/Nozzle X = 1.6 for 1.6mm Sensor Tubing X = 2.0 for 2mm Sensor Tubing WEIGHT 0.15Kg

Part Number	Description
TUBE-PU-10M 	10 METER COIL OF 4mm PU (plastic) TUBING Use for Compressed/Regulated Air Supply WEIGHT 0.05Kg
TUBE-SIL-2.5-10M 	10 METER COIL OF 2.5mm SILICONE RUBBER TUBING Use to make Sensor Tube ends for LA500, LM2050 and to extend range of LA508/LA516 leak detection. WEIGHT 0.05Kg
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 2mm Sensor Tubing WEIGHT 0.02Kg
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 2mm Sensor Tubing WEIGHT 0.01Kg

Part Number	Description
FIT-PU-SS-X	OINER 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 2mm Sensor Tubing
BKT-SS 	FIXING BRACKET SET (10pcs) FOR STAINLESS STEEL TUBING Use to secure Stainless Steel Sensor Tube to Hot Runner Manifold/Mould Plate etc Kit Includes: • 10 x Fixing Bracket • 20 x 2.9mm Self Tapping Stainless Screws • Suits 1.6mm or 2mm Sensor Tube WEIGHT 0.01Kg
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 0.10Kg
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 0.10Kg

Part Number	Description
AR-20GF 	AIR PRESSURE REGULATOR WITH PRESSURE GAUGE, AIR FILTER AND FITTINGS Use for LA500 and LM2050 and LA508/516 Manifold Systems WEIGHT 0.35Kg

DESIGNED AND MANUFACTURED BY:

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