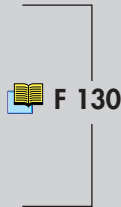



Components summary

	Description	P/N
Repair kit (F 10)	Maintenance kit	A460595
Standard tools (F 20)	Seal extractor . . . . .	.062161
Specific tools (F 30)	Basic specific tools for all detector	
	Allen head screw 4 x 80 plug extractor . . . . .	.074054
	Torque wrench for TMP, MDP and analyzer cell . . . . .	.063221
	Specific MDP 5011/5006 HDS maintenance tools	
	Maintenance kit . . . . .	.062172
	Equipment for the functional check after maintenance	
	DN 16 proportioning valve . . . . .	.786543
	Clamp (DN 16) . . . . .	.083333
	Centering ring (DN 16) . . . . .	.068193
	Compact model (DN 40)	
	■ Calibrated leak	FV4620
	■ Centering ring (DN 40) . . . . .	.068194
	■ Clamp (DN 40) . . . . .	.083267
	■ DN 40/40/16 asymmetrical tee . . . . .	.303358
	Console model (DN 50)	
	● Calibrated leak	FV4630
	● Centering ring (DN 50) . . . . .	.087164
	● Clamp (DN 50) . . . . .	.087163
	● DN 50/50/16 asymmetrical tee . . . . .	.303359
■ Monitoring and display (F 40)	Control panel board*
	Equipped control panel (Front face in English) . . . . .	.A459292
	Equipped control panel (Front face in Japanese) . . . . .	.A459293
	LCD display*
● Monitoring and display (F 41)	Control panel board . . . . .	.106689
	LCD display*
	Remote control cable (5 m)*
	Remote control	
	- Unit: mbar.l/s - Front face in English	
	- Unit: Pa.m ³ /s - Front face in English	
	- Unit: Torr.l/s - Front face in English	
	- Unit: Pa.m ³ /s - Front face in Japanese	

- only for ASM 182 TD+
- only for ASM 192 T2D+

* Contact customer service.

Components summary

	Description	P/N
Power and electrical supply (F 50)	Breaker switch 100 / 130 V	101780
	Breaker switch 200 / 240 V	101779
	● Fuse 100 / 130 V - 4 A	060851
	Fuse 100 / 130 V - 6,3 A	060860
	Fuse 200 / 240 V - 3,15 A	060855
	Jumper plug (Sub D 25 pins)	101824
Automatic control system and electronic circuits (F 60 & F 61)	■ 8 Ohms loud speaker	060097
	● 8 Ohms loud speaker	109567
	Booster board	*
	Controller board	*
	Digital voice Eprom	*
	Fan	101094
	I/O interface board	*
	Main amplifier board	*
	Protective grid	*
	■ Software Eprom ASM 182 TD+	*
	● Software Eprom ASM 192 T2D+	*
	Supervisor board	*
	Control panel board	 F 40/F 41
	Measurement (F 70 & F 71)	1 mass magnet for VHS cell
Accessories kit (analyzer cell)		*
Aluminium PI3C gauge		786434
Aluminium PI1 gauge		795706
Analyzer cell elastomer seal		102823
Analyzer cell filament		053146
ASM 182 TD+ analyzer cell pre-adjusted		*
Calibrated leak Fe1407 with thermal probe		109240
Calibrated leak wiring harness		*
Cell cover washer (trep)		083486
Collector + filament + screws kit		A459843
Cover equipped		*
Double electron collector		101127
Electronic deflection assembly		*
Equipped multi-channel plate		*
M6-35 screw		075612
P0320 board		*
Spare filament for PI1 sold by minimum quantity of 5		057972
Temperature sensor		100970

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Components summary

■ Pumping (F 80)

Description	P/N
ACP 20 pump	*
ACP 20 variable speed drive	*
Bearing kit for molecular pump	*
Black tube Ø 10 L: 15.5 cm	106001
Filter	105707
Flexible hose for filter	A329395
Greasing syringe	056993
for TMP 5154, MDP 5011 and MDP 5006 HDS	
MDP 5001 pump	795600
Seals kit for TMP 5154	*
Seals kit for MDP 5011	*
TMP 5154 - Standard seal	798023
TMP 5154 - Shock absorber	055232
Variable speed drive support	*

● Pumping (F 81)

ACP 28 pump	*
ACP 28 variable speed drive	*
ATP 100 pump	*
Bearing kit for molecular pump	*
Filter	105707
Greasing syringe	056993
for TMP 5154, MDP 5011 and MDP 5006 HDS	
MDP 5006 HDS pump	*
Seals kit for MDP 5011	*
Seals kit for TMP 5154	*
TMP 5154 - Shock absorber	055232
TMP 5154 - Standard seal	798023

Valves (F 90 & F91)

Bacosol 24 V DC 23 W valve (air inlet)	106935
Bacosol 24 V DC 23 W valve (exhaust)	106935
Calibration block with valves	A460668
Coil for 24 V DC 23 W valve	*
Coil for 24 V DC minisol valve	067040
Grease tube (10 g) for VAT valve	*
Minisol valve 2/2 NF (LDS) (without coil)	038101
Minisol valve 2/2 NF 24 V DC/8 W	101303
Minisol valve 2/2 NO 24 V DC/8 W	101304
■ Non injection plug	104426
Seals kit for VAT valve	*

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- only for ASM 192 T2D+

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Components summary

	Description	P/N
Valves (ctd) (F 90 & F 91)	■ Valve block ASM 182 TD+ (not equipped) *	
	● Valve block ASM 192 T2D+ (not equipped) *	
	VAT 180 - 260 V valve coil	*
	■ VAT DN 25 valve operator	*
	● VAT DN 40 valve operator	*
	Vickers silencer	108449
■ Pipes (F 100)	ACP 20/28 pipe	*
	ACP 20/28 pipe plug	*
	Flexible tube DN 16 (length 250 mm)	068369
	Inlet adaptor DN 25 - DN 40	*
	Rilsan tube 6 x 8	*
	Rilsan tube 6 x 4	*
	Silencer 1/2 (pump exhaust)	109369
	Silencer 1/4 (air inlet)	101552
	Stainless steel tube DN 25 / DN 40	101539
● Pipes (F 101)	Inlet filter DN 40 (without seal)	*
	Diaphragm DN 25 (without seal)	*
	Silencer 1/4 (air inlet)	101552
	Inlet adaptor DN 40 - DN 50	*
	Rilsan tube 6 x 8	*
	Rilsan tube 6 x 4	*
	Flexible tube DN 25 (length 250 mm)	068370
	Flexible tube DN 16 (length 250 mm)	068369
	Stainless steel tube DN 25/DN 40	101539
	ACP 28 pipe	*
	Tee DN 25/ DN 25/ DN 25	068563
Connections and seals (F 110 & F 111)	Seal	
	Centering ring DN 25	068224
	Centering ring DN 25 (diaphragm)	100983
	■ Centering ring DN 25 (filter)	072857
	Centering ring DN 40	068226
	● Centering ring DN 40 (filter)	067636
	● Centering ring DN 50	068227
	O-ring	798023
	O-ring (seals kit)	066662
	O-ring DN 25	106022

■ only for ASM 182 TD+
● only for ASM 192 T2D+

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Components summary

Connections and seals (ctd) (F 110 & F 111)

Description	P/N
O-ring DN 40	106023
● O-ring DN 50	106024
Connections	
BSPT male elbow connector - 1/8 1/8	*
BSPT male elbow connector - C3BPL4/G 1/8	*
BSPT male union connector - F3BPL 2.7/4 1/8	*
BSPT male union connector - F3BPL 6/8 1/4	*
Fitted female connector (N2 connection)	*
Staubli female quick coupling (LDS)	*
■ Cover (F 120)	
Compact version wheel (pivoting) (per unit)	101816
ASM 182 TD+ serigraphy	A460335
Frame arch	109337
Front cover (without serigraphy)	109323
Heyco stopper (per unit)	082922
Kit of 2 articulation (right + left)	A214902
Lifting ring (per unit)	076192
Rear cover	109334
Screws kit	A460616
Small rod (per unit)	A460564
Stopper for frame (per unit)	075902
● Cover (F 121)	
Lifting ring (per unit)	A460748
Remote control support	109689
Complete arm for remote control support	109690
Complete bracket for remote control support	109691
Complete rear cover	109693
Front cover (without serigraphy)	109411
Left flank	109695
Right flank	109694
Front flank	109402
Front wheel (per unit)	101528
Rear wheel (per unit)	101529
Screws kit	A460616
ASM 192 T2D+ serigraphy	A460339

- only for ASM 182 TD+
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Components summary

Options and accessories (F 130)

Description	P/N
LDS probe	
LDS probe (5 meter tube) . . . . .	.797925
LDS spare filter sold by minimum quantity of 5 . . . . .	.067775
LDS spare metal tube . . . . .	.067838
LDS spare needle . . . . .	.072606
Spray gun	
Spray gun spare nozzle . . . . .	.083446
■ Gas line option	
Block ring . . . . .	.082111
Gas line type calibrated leak with 1/4" VCR Cajon connector	
1.10 ⁹ mbar.l/s . . . . .	.103371
1.10 ⁸ mbar.l/s . . . . .	.103372
1.10 ⁷ mbar.l/s . . . . .	.103373
1.10 ⁵ mbar.l/s . . . . .	.103374
Metal seal Cajon . . . . .	.101584
Minisol valve 2/2 NF (with coil) . . . . .	.101303
O'ring . . . . .	.050143
O'ring . . . . .	.082106
Rear block wiring harness*
St.steel flexible hose DN 6 . . . . .	.104475
St.steel flexible hose DN 16 . . . . .	.104476
VCR Cajon connector . . . . .	.101583
Metal seals	
Complete analyzer cell with metal seal (without magnet) . . . . .	.109479S
Helicoflex gasket for analyzer cell*
Seal DI 128.7 helicoflex (for TMP 5154) . . . . .	.079089
Seal DN 25 indium . . . . .	.106819
Seal DN 25 indium . . . . .	.106828
Seal DN 25 with filter . . . . .	.A460285
Seal DN 25 with diaphragm . . . . .	.106828
■ Seal DN 40 indium . . . . .	.106820
● Seal DN 50 indium . . . . .	.106821
Seals kit for TMP 5154 metal*
TMP 5154 DN 40 metal . . . . .	.798024
Remote control	
- Unit: mbar.l/s - Front face in English . . . . .	.106688
- Unit: Pa.m ³ /s - Front face in English . . . . .	.108880
- Unit: Torr.l/s - Front face in English . . . . .	.108881
- Unit: Pa.m ³ /s - Front face in Japanese106690
Remote control cable (5 m)106013

■ only for ASM 182 TD+

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