

## SPECTROGREEN · FMT46 (2020)

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### Measuring chamber

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Photo  
Foto

Description  
Bezeichnung

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FORK CLAMP WITH SET SCREW/ KS19/ STAINLESS STEEL

KLEMME GABEL MIT FESTSTELLSCHRAUBE/ KS19/ EDELSTAHL

**44503013**

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LOAD COIL SILVER/ MADE OF CAST/ SPARE PART/ GREEN FMX46

ARBEITSSPULE SILBER/ AUS GUSS/ ERSATZTEIL/ GREEN FMX46

**46905008E**

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GASKET ADAPTER TUBE TORCH/ VITON

DICHTUNG ADAPTERROHR TORCH/ VITON

**47510268E**

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SEAL ADAPTER TUBE TORCH

DICHTUNG ADAPTERROHR TORCH

**47510263**

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WINDOW 110X90MM/ UV-PROTECTING GLASS/ PROTECTION LEVEL 5/ WITH SHATTER PROTECTION FOIL

FENSTER 110X90MM/ UV-SCHUTZGLAS/ SCHUTZSTUFE 5/ MIT SPLITTERSCHUTZFOLIE

**64063005**

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ADJUSTING TOOL COIL GENERATOR GENESIS

SPULENAUSRICHTLEHRE GENERATOR

**75260116**

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## SPECTROGREEN · FMT46 (2020)

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BRACKET TORCH ROUND/ COMPLETE/ WITH BAJONETT  
HALTER TORCH RUND/ KOMPLETT/ MIT BAJONETT

**75460590E**

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PARTS KIT LOAD COIL COAXIAL  
TEILESATZ ARBEITSSPULE KOAX

**75460557**

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### Sample introduction systems

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Photo  
Foto

Description  
Bezeichnung



MUFFLER/ FLAT/ M5/ SINTERED BRONZE  
SCHALLDÄMPFER/ FLACH/ M5/ SINTERBRONZE

**44302513**

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WASHER PTFE/ OD=22.4MM/ ID=19.5MM/ T=0.2MM/ [10 PCS.]  
SCHEIBE PTFE/ AD=22,4MM/ ID=19,5MM/ T=0,2MM/ [10 STK.]

**47311011**

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GLASS TUBE LIGHTCHANNEL ID11/8/ OD16/ L63  
GLASROHR LICHTKANAL ID11/8/ AD16/ L63

**48105077**

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LENSE PLANKONVEX D22.4/ R50.5  
LINSE PLANKONVEX D22,4/ R50,5

**48301033**

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## SPECTROGREEN · FMT46 (2020)

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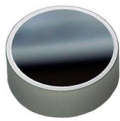


WINDOW MGF2 VUV/ D=22.3MM/ T=2.0MM

FENSTER MGF2 VUV/ D=22,3MM/ T=2,0MM

**48303012**

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MIRROR CONCAVE R = -300/ ARCOS+BLUE

SPIEGEL KONKAV R = -300/ ARCOS+BLUE

**48309018**

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PARTS SET BOOSTER

TEILESATZ BOOSTER

**71000828**

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LIGHT TUBE SOP VERS.2/ CORROSION RESISTANT/ FHS+FMS

LICHTROHR SOP VERS.2/ KORROSIONSBESTÄNDIG/ FHS+FMS

**75080570**

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MIRROR REFLECTOR (BOOSTER) COUPLING/ / FMX46/ FED37

SPIEGEL REFLEKTOR (BOOSTER) EINKOPPLUNG / FMX46/ FED37

**75080578**

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FLAP ACTUATOR FMX

KLAPPEN VERSTELLUNG FMX

**75180131**

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PRISMA ACTUATOR INCL. PRISMA FMX

PRISMA-VERSTELLUNG INKL. PRISMA FMX

**75180130**

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## SPECTROGREEN · FMT46 (2020)

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SPARE PARTS KIT SHUTTER/ ARCOS 2 + ARCOS 3 + GREEN

ERSATZTEILPAKET SHUTTER/ ARCOS 2 + ARCOS 3 + GREEN

**75270586**

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SAMPLE INTRODUCTION SYSTEM HF RESISTANT - EOP TI/ MIRAMIST/ CYCLONIC  
HF RESISTANT/ DEMOUNTABLE TORCH/ 2,5MM AL2O3

PROBENEINTRAGSSYSTEM HF-FEST - EOP TI/ MIRAMIST/ ZYKLONISCH HF-FEST/  
ZERLEGBARE TORCH/ 2,5MM AL2O3

**75360556**

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SAMPLE INTRODUCTION SYSTEM HIGH SALTS >2% - EOP TI/ CROSSFLOW/  
SCOTT/ FIXED TORCH/ 3,0MM/ ADDITIONAL GAS/ AR HUMIDIFIER

PROBENEINTRAGSSYSTEM HOHE SALZE >2% - EOP TI/ CROSSFLOW/ SCOTT/  
FESTE TORCH/ 3,0MM/ ZUSATZGAS/ AR-BEFEUCHTER

**75560514**

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SAMPLE INTRODUCTION SYSTEM HIGH SALTS <2% - EOP TI/ CROSSFLOW/  
SCOTT/ FIXED TORCH/ 3.0MM/ ADDITIONAL GAS

PROBENEINTRAGSSYSTEM HOHE SALZE <2% - EOP TI/ CROSSFLOW/ SCOTT/  
FESTE TORCH/ 3,0MM/ ZUSATZGAS/

**75560513**

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SAMPLE INTRODUCTION SYSTEM STANDARD - EOP TI/ CROSSFLOW/ SCOTT/  
FIXED TORCH/ 2.0MM

PROBENEINTRAGSSYSTEM STANDARD - EOP TI/ CROSSFLOW/ SCOTT/ FIXED  
TORCH/ 2,0MM

**75560508**

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SAMPLE INTRODUCTION SYSTEM CONCENTRIC - EOP TI/ SEASPRAY/ CYCLONIC/  
FIXED TORCH/ 2.0MM

PROBENEINTRAGSSYSTEM KONZENTRISCH - EOP TI/ SEASPRAY/ ZYKLONISCH/  
FESTE TORCH/ 2,0MM

**75560509**

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## SPECTROGREEN · FMT46 (2020)

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SAMPLE INTRODUCTION SYSTEM OILS WITH UNDISSOLVED SOLIDS - EOP TI/  
NOORDERMEER/ CYCLONIC/ FIXED TORCH/ 1.8MM

PROBENEINTRAGSSYSTEM PARTIKEL IN ÖL - EOP TI/ NOORDERMEER/  
ZYKLONISCH/ FESTE TORCH/ 1,8MM

**75560511**

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SAMPLE INTRODUCTION SYSTEM VOLATILE ORGANICS - EOP TI/ ISOMIST/  
TWISTER/ JACKETED CYCLONIC/ DEMOUNTABLE TORCH/ 1.2MM/ FMT46

PROBENEINTRAGSSYSTEM FLÜCHTIGE ORGANIK - EOP TI/ ISOMIST/ TWISTER/  
UMMANTELT ZYKLONISCH/ ZERLEGBARE TORCH/ 1,2MM/ FMT46

**75560554**

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SAMPLE INTRODUCTION SYSTEM STANDARD OIL - EOP TI/ CROSSFLOW/ SCOTT/  
FESTE FACKEL/ 1,8MM

PROBENEINTRAGSSYSTEM STANDARD ÖL - EOP TI/ CROSSFLOW/ SCOTT/ FESTE  
TORCH/ 1,8MM

**75560510**

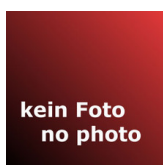
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### Glass ware, torches, nebulizer

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Photo  
Foto

Description  
Bezeichnung



SPRAY CHAMBER CYCLONIC/ JACKETED/ KS19

ZESTÄUBERKAMMER ZYKLONISCH/ UMMANTELT/ KS19

**48105094**

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TORCH GREEN TWIN ID3.0

TORCH GREEN TWIN ID3,0

**48205076**

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## SPECTROGREEN · FMT46 (2020)

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GLASS TUBE TORCH WITH MARKING  
GLASKÖRPER TORCH MIT MARKIERUNG

**48205054**

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INJECTION TUBE ID=2.5MM/ L=108MM/ AL2O3  
INJEKTORROHR ID=2,5MM/ L=108MM/ AL2O3

**48807027**

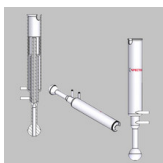
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INJECTION TUBE ID=1.8MM/ L=108MM/ QUARTZ GLASS  
INJEKTORROHR ID=1,8MM/ L=108MM/ QUARZGLAS

**48807023**

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TORCH GREEN TWIN ID2.5  
TORCH GREEN TWIN ID2,5

**48205075**

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ADAPTER NEBULIZER CHAMBER 90°  
ADAPTER ZERSTÄUBERKAMMER 90°

**48205046**

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INJECTION TUBE ID=2.0MM/ L=108MM/ QUARTZ GLASS  
INJEKTORROHR ID=2,0MM/ L=108MM/ QUARZGLAS

**48807024**

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SPRAY CHAMBER SCOTT/ OD36/ QUARTZ/ HEAVY DUTY  
ZERSTÄUBERKAMMER SCOTT/ AD36/ QUARZ/ HOHE BEANSPRUCHUNG

**48105088**

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## SPECTROGREEN · FMT46 (2020)

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INJECTION TUBE ID=1.2MM/ L=108MM/ QUARTZ GLASS

INJEKTORROHR ID=1,2MM/ L=108MM/ QUARZGLAS

**48807022**

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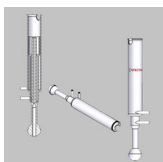


TORCH GREEN TWIN ID1.8

TORCH GREEN TWIN ID1,8

**48205073**

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TORCH GREEN TWIN ID2.0

TORCH GREEN TWIN ID2,0

**48205074**

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PLASTIC PARTS KIT TORCH ASSEMBLED

KST-TEILESATZ TORCH TWIN INTERFACE MONTIERT

**75360573**

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MOUNTING BRACKET SPRAY CHAMBER

HALTEWINKEL ZERSTÄUBERKAMMER

**75560502**

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ADAPTER GLASS PART FIXED TORCH

ADAPTER GLASTEIL FESTE TORCH

**75460592**

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SPHERICAL GROUND GLASS JOINT SLEEVE/ KS19/ PTFE

KUGELSCHLIFF-MANSCHETTEN/ KS19/ PTFE

**47310009**

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## SPECTROGREEN · FMT46 (2020)



ADAPTER SPRAY CHAMBER 90°/ 2X KS19/9  
ADAPTER ZERSTÄUBERKAMMER 90°/ 2X KS19/9

**48205065**



INJECTION TUBE ID=1.8MM/ L=108MM/ AL2O3  
INJEKTORROHR ID=1,8MM/ L=108MM/ AL2O3

**48807026**

### Optics, light path

Photo  
Foto

Description  
Bezeichnung



MUFFLER/ FLAT/ M5/ SINTERED BRONZE  
SCHALLDÄMPFER/ FLACH/ M5/ SINTERBRONZE

**44302513**



CLAMP SCREW LENS  
KLEMMSCHRAUBE LINSE

**46112136**



DIRT TRAP TI  
SCHMUTZFALLE TI

**46112230**



SAMPLER/ AIR-COOLED OPI  
SAMPLER/ LUFTGEKÜHLTES OPI

**46901081**



## SPECTROGREEN · FMT46 (2020)

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SAMPLER - HEAVY DUTY - AIR COOLED OPI  
SAMPLER - HOCHBELASTBAR - LUFTGEKÜHLTES OPI

**46901078**

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RING NUT/ AIR-COOLED OPI  
GEWINDERING/ LUFTGEKÜHLTES OPI

**46901080**

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WASHER PTFE/ OD=22.4MM/ ID=19.5MM/ T=0.2MM/ [10 PCS.]  
SCHEIBE PTFE/ AD=22,4MM/ ID=19,5MM/ T=0,2MM/ [10 STK.]

**47311011**

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GLASS TUBE LIGHTCHANNEL ID11/8/ OD16/ L63  
GLASROHR LICHTKANAL ID11/8/ AD16/ L63

**48105077**

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LENSE PLANKONVEX D22.4/ R50.5  
LINSE PLANKONVEX D22,4/ R50,5

**48301033**

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WINDOW QUARTZ GLASS/ D=13MM/ T1.75MM  
FENSTER QUARZGLAS/ D=13MM/ T=1,75MM

**48303014**

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LIGHT TUBE GLASS TI  
LICHTROHR GLAS TI

**48105086**

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## SPECTROGREEN · FMT46 (2020)

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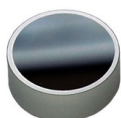


WINDOW MGF2 VUV/ D=22.3MM/ T=2.0MM

FENSTER MGF2 VUV/ D=22,3MM/ T=2,0MM

**48303012**

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MIRROR CONCAVE R = -300/ ARCOS+BLUE

SPIEGEL KONKAV R = -300/ ARCOS+BLUE

**48309018**

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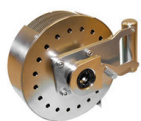


PARTS SET BOOSTER

TEILESATZ BOOSTER

**71000828**

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OPT. PLASMA INTERFACE VERS.2/ CORROSION RESISTANT

OPT. PLASMA INTERFACE VERS.2/ KORROSIONSBESTÄNDIG

**75080564**

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LIGHT TUBE SOP VERS.2/ CORROSION RESISTANT/ FHS+FMS

LICHTROHR SOP VERS.2/ KORROSIONSBESTÄNDIG/ FHS+FMS

**75080570**

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MIRROR REFLECTOR (BOOSTER) COUPLING/ / FMX46/ FED37

SPIEGEL REFLEKTOR (BOOSTER) EINKOPPLUNG / FMX46/ FED37

**75080578**

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FLAP ACTUATOR FMX

KLAPPEN VERSTELLUNG FMX

**75180131**

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## SPECTROGREEN · FMT46 (2020)



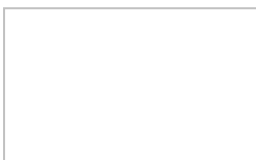
PRISMA ACTUATOR INCL. PRISMA FMX  
PRISMA-VERSTELLUNG INKL. PRISMA FMX

**75180130**



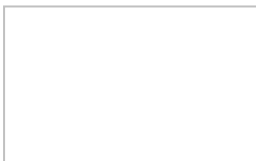
SPARE PARTS KIT SHUTTER/ ARCOS 2 + ARCOS 3 + GREEN  
ERSATZTEILPAKET SHUTTER/ ARCOS 2 + ARCOS 3 + GREEN

**75270586**



SHUTTER DARK CURRENT/ FMX46  
SHUTTER DUNKELSTROM/ FMT46



**75360601**



PARTS SET SHUTTER FMS46  
TS SHUTTER FMS46

**71000891**

### Gas system, tubings, fittings

Photo Foto	Description Bezeichnung
	INSERTION SLEEVE FOR SYNT. HOSE D=2/4 [10 PCS.] HÜLSE EINSTECK D=2/4/ FÜR KUNSTSTOFFSCHLAUCH/ [10 STK.]
	<b>44302258</b>
	BACK PRESURRE VALVE/ PUSH IN/ 6MM TUBE/ DEGREASED VERSCHRAUBUNG RÜCKSCHLAGVENTIL/ PUSH IN/ SCHLAUCH 6MM/ FETTFREI
	<b>44302516</b>

## SPECTROGREEN · FMT46 (2020)

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RING GASKET FOR PIPE OR TUBE/ OD=6MM/ [10 PCS.]  
DICHRING FÜR SCHLAUCH ODER ROHR/ AD=6MM/ [10 STK.]

**44302014**

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NUT UNION/ 6MM/ BRASS BRIGHT/ [10 PCS.]  
MUTTER ÜBERWURF/ 6MM/ MESSING BLANK/ [10 STK.]

**44302049**

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REDUCING SET 6MM/4MM/ FOR PTFE HOSE  
REDUZIERSETZ 6MM/4MM/ FÜR PTFE-SCHLAUCH

**44302096**

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LOCKING RING FRONT/ 6MM/ BRASS BRIGHT/ [10 PCS.]  
KLEMMRING VORN/ 6MM/ MESSING BLANK/ [10 STK.]

**44302050**

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PLUGIN SLEEVE/ FOR PLASTIC HOSE/ D=6MM/8MM/ [10 PCS.]  
HÜLSE EINSTECK/ FÜR KUNSTSTOFFSCHLAUCH/ D=6MM/8MM/ [10 STK.]

**44302021**

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QUICK-SNAP COUPLING, D6, CONNECTION 6MM  
SCHNELLKUPPLUNG KÖRPER D6

**44303010**

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UNION JOINT HOSE 1/8" -6MM  
VERSCHRAUBUNG REDUZIER SCHLAUCH 1/8"-6MM

**44302259**

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## SPECTROGREEN · FMT46 (2020)

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RESTRICTION VALVE WITH SILENCER M5

SCHALLDÄMPFER MIT DROSSEL M5

**44702071**

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THREADED JOINT SCREW-IN STRAIGHT M5/ 4MM/ PUSH-IN

VERSCHRAUBUNG EINSCHRAUB GERADE M5/ 4MM/ PUSH-IN

**44302474**

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BULKHEAD FITTING FOR HOSE 4X6MM/ V2A

VERSCHRAUBUNG SCHOTT FÜR SCHLAUCH 4X6/ V2A

**44302517**

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FAST COUPLING BODY/ SCHOTT/ CONNECTION 6MM

SCHNELLKUPPLUNG KÖRPER/ SCHOTT/ ANSCHLUSS 6MM

**44303018**

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QUICK-SNAP COUPLING PLUG/ CONNECTION 1/8"

SCHNELLKUPPLUNG STECKER/ ANSCHLUSS 1/8"

**44303015**

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FITTING Y/ 8MM TUBE CONNECTORS/ BRASS

VERSCHRAUBUNG Y/ 8MM SCHLAUCHANSCHLUSS/ MESSING

**44302518**

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FITTING REDUCER SET 6/8MM

REDUZIERSATZ VERSCHRAUBUNG 6/8MM

**44303026**

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## SPECTROGREEN · FMT46 (2020)

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DUMMY PLUG D=6MM  
BLINDSTOPFEN D=6MM

**44702330**

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CONNECTION STRAIGHT/ KQH04-06/ BLACK  
VERSCHRAUBUNG GERADE/ KQH04-06/ SCHWARZ

**44702317**

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PLUG-IN Y/ AD4  
Y STECKABZWEIG/ AD4

**44702072**

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CONNECTOR HOSE Y/ AD6MM/ PUSH IN/ PLASTIC  
VERBINDER SCHLAUCH Y/ AD6MM/ PUSH IN/ KUNSTSTOFF

**44702068**

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BULKHEAD ELBOW/ PUSH IN/ FOR 6MM TUBES  
WINKELSCHOTTVERSCHRAUBUNG/ PUSH IN/ FÜR 6MM SCHLAUCH

**44702335**

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TUBE TYGON(PVC)/ AD2.79/ ID0.89/ [10 M.]  
SCHLAUCH TYGON(PVC)/ AD2,79/ ID=0,89/ [10 M.]

**47201022**

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TUBE PTFE/ OD=6MM/ ID=4MM/ WHITE / [5 M.]  
SCHLAUCH PTFE/ AD=6MM/ ID=4MM/ WEISS / [5 M.]

**47301021**

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## SPECTROGREEN · FMT46 (2020)

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TUBE VITON/ OD=3.53MM/ ID=1.85MM/ [3 M.]  
SCHLAUCH VITON/ AD=3,53MM/ ID=1,85MM/ [3 M.]

**47501011**

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SOLENOID VALVE 5/2/ 24VDC/ INCL.THREADED JOINT  
MAGNETVENTIL 5/2 WEGE/ 24VDC/ INKL. VERSCHRAUBUNG

**57005218E**

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BRACKET F2 FOR SX3000  
BEFESTIGUNGSELEMENT F2

**64064044**

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AIR FILTER/ FOR TUBE OD6/ WITH HOLDER  
LEITUNGSFILTER LUFT/ FÜR D6/ MIT HALTER

**64000339**

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PRESSURE REGULATOR/ 0.05-0.35MPA/ WITH DISPLAY/ CONNECTIONS FOR 6MM  
PUSH IN/ MAX.INLET PRESSURE 1MPA

DRUCKREGLER 0,05-0,35MPA/ MIT ANZEIGE/ ANSCHLUSS 6MM PUSH IN/  
MAX.EINGANGSDRUCK 1MPA

**73003326**

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SET SOLENOID VALVE 5/2/ 24VDC/ INCL. RESTRICTION VALVE WITH SILENCER  
M5

SET MAGNETVENTIL 5/2 WEGE/ 24VDC/ INKL. SCHALLDÄMPFER MIT DROSSEL M5

**71000843**

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## SPECTROGREEN · FMT46 (2020)

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CYLINDER/ D=10/ HUB=15

ZYLINDER/ D=10/ HUB=15

**73008060**

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TUBE PTFE/ 8X1.5MM/ L=5M/ ONE-SIDED SCREW CONNECTION

SCHLAUCH PTFE/ 8X1,5MM/ L=5M/ EINSEITIGE VERSCHRAUBUNG

**75060956**

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FITTING WITH 0.6MM NOZZLE

VERSCHRAUBUNG MIT 0,6MM DÜSE

**75080580**

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OPTIK FLUSH KIT ARCOS/BLUE/GREEN

OPTIK FLUSH KIT ARCOS/BLUE/GREEN

**75080516**

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FITTING WITH 0.2MM NOZZLE

VERSCHRAUBUNG MIT 0,2MM DÜSE

**75080579**

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ARGON CONTROL UNIT/ 4-CHANNELS/ 8 BAR/ WITH ADD. GAS/ NEB: 0.1-1.5NL/MIN.

REGELEINHEIT GAS DMB/ 4-KANAL/ 8 BAR/ MIT ZUSATZGAS/ NEB: 0,1-1,5NL/MIN.

**75460549**

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## SPECTROGREEN · FMT46 (2020)

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ARGON CONTROL UNIT/ 4-CHANNELS/ 8 BAR/ NEB: 0,1-1,5NL/MIN.  
REGELEINHEIT GAS DMB/ 4-KANAL/ 8 BAR/ NEB: 0,1-1,5NL/MIN.

**75460548**

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PUMP DIAPHRAGM 24VDC/ 0,65A/ PMAX 2,4 BAR/ TYPE PM23089-86  
PUMPE MEMBRAN 24VDC/ 0,65A/ PMAX 2,4 BAR/ TYP PM23089-86

**77060506**

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PLUGIN SLEEVE/ FOR PLASTIC HOSE/ D=4MM/6MM/ [10 PCS.]  
HÜLSE EINSTECK/ FÜR KUNSTSTOFFSCHLAUCH/ D=4MM/6MM/ [10 STK.]

**44302020**

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TUBE/ PTFE/ OD3/ ID2/ NATURAL/ [12 M.]  
SCHLAUCH/ PTFE/ AD3/ ID2/ NATUR/ [12 M.]

**47301023**

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TUBE PTFE/ OD1.2/ ID0.6/ NATURAL/ [10M]  
SCHLAUCH PTFE/ AD1,2/ ID0,6/ NATUR/ [10 M.]

**47301022**

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LOCKING RING BACK/ 6MM/ BRASS BRIGHT/ [10 PCS.]  
KLEMMRING HINTEN/ 6MM/ MESSING BLANK/ [10 STK.]

**44302051**

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NUT UNION/ D=6MM/ [10 PCS.]  
MUTTER ÜBERWURF/ D=6MM/ [10 STK.]

**44302023**

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# SPECTROGREEN · FMT46 (2020)

## Electr. Components

Photo Foto	Description Bezeichnung
	<p>RETAINER FOR RELAY SOCKET RT78625/ PLASTIC/ BLACK/ 15.7MM+25.5MM</p> <p>HALTEBÜGEL FÜR RELAISFASSUNG RT78625/ KUNSTSTOFF/ SCHWARZ/ 15,7MM+25,5MM</p> <p><b>64004104</b></p>
	<p>SOCKET PLUG IN 230V/ 12A/ 2-POLE/ FOR PRINT RELAY/ FOR DIN-RAIL WITH SCREW CONNECTION</p> <p>FASSUNG STECK 230V/ 12A/ 2POL/ FÜR PRINT RELAIS/ FÜR DIN-SCHIENE MIT SCHRAUBANSCHLUSS</p> <p><b>64004102</b></p>
	<p>DIODE RECOVERY PLUGGABLE</p> <p>DIODE FREILAUF IM GEHÄUSE</p> <p><b>64004103</b></p>
	<p>RELAIS SOLID STATE 275VAC/ 3A/ ZERO-CROSSING/ 24VDC</p> <p>RELAIS SOLID STATE 275VAC/ 3A/ NULLDURCHGANG/ 24VDC</p> <p><b>57002085</b></p>
	<p>ADAPTER FOR FRONT PANEL/ SNAP-IN/ SOCKET-SOCKET 1:1/ SHIELDED/ 8-POLE</p> <p>EINBAUADAPTER FÜR FRONTPLATTEN/ SNAP-IN/ BUCHSE-BUCHSE 1:1/ GESCHIRMT/ 8-POLIG</p> <p><b>66020204</b></p>
	<p>FUSE AUTOMATIC 25A/ CHARACTERISTICS B/ 1-POLE/ 230-400VAC</p> <p>SICHERUNG AUTOMAT 25A/ CHARAKTERISTIK B/ 1-POLIG/ 230-400VAC</p> <p><b>68005371</b></p>

## SPECTROGREEN · FMT46 (2020)



BLADE FUSE AUTOMOTIVE 3A/ 32VDC/ 5X20MM/ [10 PCS.]

SICHERUNG FLACH KFZ 3A/ 32VDC/ 5X20MM/ [10 STK.]

**68005080**



FUSE AUTOMATIC 6A/ CHARACRERISTICS B/ 1-POLE/ 230-400VAC

SICHERUNG AUTOMAT 6A/ CHARAKTERISTIK B/ 1-POLIG/ 230-400VAC

**68005370**

### Electr. assemblies, boards

Photo  
Foto

Description  
Bezeichnung



FILTER LINE/ 250V/ 1X25A

FILTER NETZ/ 250V/ 1X25A

**57004036**



HIGH VOLTAGE IGNITION

HOCHSPANNUNGSZÜNDUNG

**75050509**



HEATER ASSEMBLY/ 230VAC/ 200W/ 24VDC/ INCL.FAN

HEIZUNG/ 230VAC/ 200W/ 24VDC/ INKL.LÜFTER

**75040041**



GENERATOR 2500WHF/ 230V/ SOLID STATE/ EMV

GENERATOR 2500WHF/ 230V/ SOLID STATE/ EMV

**76023134E**

## SPECTROGREEN · FMT46 (2020)

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LOWPASS FILTER MINI BOX SSG/ TYP LONESTAR

TIEFPASS FILTER MINI BOX SSG/ TYP LONESTAR

**76023131E**

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X-CHANGE GENERATOR HF/ 2,5KW/ 230V/ SOLID STATE/ EMV

AUSTAUSCH GENERATOR HF/ 2,5KW/ 230V/ SOLID STATE/ EMV

**76023134X**

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POWER SUPPLY/ SP-320-24/ 88-264VAC/ 24VDC/ 13A

NETZTEIL/ SP-320-24/ 88-264VAC/ 24VDC/ 13A

**77020081**

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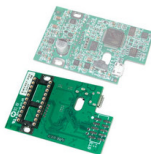


MEASURE/CONTROL BOARD WITH DMB/ WITH SYSTEMSOFTWARE ARC/SPARK

MESS-/REGELKARTE MIT DMB/ INCL. SYSTEMSOFTWARE ARC/SPARK

**EK0014B2**

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OES FRONTEND ILX511/ 1MB/ V/IN=6V/ 300MA/ 1024KB FLASH ROM/ 192KB RAM

OES FRONTEND ILX511/ 1MB/ V/IN=6V/ 300MA/ 1024KB FLASH-ROM/ 192KB RAM

**EK1407-2**

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ADAPTER DMB RJ45

ADAPTER DMB RJ45

**EK1411--**

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HOST CONTROLLER







HOST CONTROLLER

**EK1502-1S**

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## SPECTROGREEN · FMT46 (2020)

### Switches, cables, lamps

Photo Foto	Description Bezeichnung
	<p>MAGNET RING/ D10X5/ FOR REED CONTACT MAGNET RING/ D10X5/ FÜR REEDKONTAKT</p> <p><b>64014017</b></p>
	<p>SWITCHING ELEMENT KEY BUTTON/ BR04/ 2 BREAK CONTACTS SCHALTELEMENT TASTER/ BR04/ 2 ÖFFNER</p> <p><b>65011019</b></p>
	<p>FERRITE BUSH OD13/ 25X25X28/ WITH SWING OPEN SYNTHETIC COVER FERRITHÜLSE ID=13/ 25X25X28/ MIT KUNSTSTOFFGEHÄUSE ZUM AUFKLAPPEN</p> <p><b>64000050</b></p>
	<p>FLOAT SWITCH LS3 TYPE4 M12*1,75 SCHALTER SCHWIMMER LS3 TYP4 M12*1,75 MIT MUTTER M12*1,75</p> <p><b>65029005</b></p>
	<p>SWITCH DISCONNECTOR/ 3 POLE/ 32A/ GREY-BLACK SCHALTER LASTTRENNER/ 3-POLIG/ 32A/ GRAU-SCHWARZ</p> <p><b>65011371</b></p>
	<p>PLUG COAX N/ ELBOW/ MALE-FEMALE STECKER KOAX N/ WINKEL/ BUCHSE-STECKER</p> <p><b>66030042</b></p>

## SPECTROGREEN · FMT46 (2020)

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SWITCH TEMPERATURE BIMETAL/ NC-CONTACT/ 35/50°C +- 3-4°C/ CONNECTION  
FLAT PLUG 6.35MM/ 250VAC/10A/ 30VDC/5A

SCHALTER TEMPERATUR BIMETALL/ NC-KONTAKT/ 35/50°C +- 3-4°C/ ANSCHLUSS  
FLACHSTECKER 6,35MM/ 250VAC/10A/ 30VDC/5A

**65031005**

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PUSH SWITCH/ SUNK-IN MOUNTING/ BR04/ BLUE/ NOT ILLUMINATED

TASTER DRUCK/ VERSENKTER EINBAU/ BR04/ BLAU/ NICHT BELEUCHTET

**65011074**

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CABLE EARTH/ RING M5/ PLUG/ SPRING CONTACT/ L=170MM

KABEL ERDUNG/ RING M5/ ARRETIERBAR/ FEDERKONTAKT/ L=170MM

**75020564**

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CABLE COAX 1/2" / N CONNECTOR / 3M

KABEL KOAX 1/2" / N STECKER / 4,10M

**75020569**

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REED SENSOR/ MS-332-3/ WITH PLUG

REED-SENSOR/ MS-332-3/ MIT STECKER

**75030529**

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CABLE EARTH/ RING M5/ PLUG/ SPRING CONTACT/ L=250MM

KABEL ERDUNG/ RING M5/ ARRETIERBAR/ FEDERKONTAKT/ L=250MM

**75020566**

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## SPECTROGREEN · FMT46 (2020)

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SWITCH TORCH CHAMBER WITH CABLE FHX22

SCHALTER TORCHRAUM MIT KABEL FHX22

**75030530**

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CABLE USB/ PLUG A - PLUG MICRO B/ 5 PIN/ 0.6M/ GOLD PLATED

KABEL USB/ STECKER A - STECKER MICRO B/ 5-POL./ 0,6M/ VERGOLDET

**75120114**

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CABLE PATCH/ RJ45-RJ45/ CAT5/ L=2.0M/ GREY

KABEL PATCH/ RJ45-RJ45/ KAT.5/ L=2,0M/ GRAU

**75120077**

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PATCH CABEL/ RJ45-RJ45/ CAT.5E/ L=2.0M/ GREEN/ F/UTP OR SF/UTP

PATCHKABEL/ RJ45-RJ45/ CAT.5E/ L=2,0M GRÜN/ F/UTP ODER SF/UTP

**75120094**

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PATCH CABLE/ RJ45-RJ45/ CAT.5E/ L=1.5M/ GREEN/ F/UTP OR SF/UTP

PATCHKABEL/ RJ45-RJ45/ CAT.5E/ L=1,5M/ GRÜN/ F/UTP

**75120093**

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### Fans, filter mats

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Photo  
Foto

Description  
Bezeichnung



FILTER MAT EU4/G4/ 690X515X20MM/ FMX46

FILTERMATTE EU4/G4/ 690X515X20/ FMX46

**47840047**

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## SPECTROGREEN · FMT46 (2020)



FAN RADIAL/ 24VDC/ 40W/ 255M3/H/ WITH HOUSING  
LÜFTER RADIAL/ 24VDC/ 40W/ 255M3/H/ MIT GEHÄUSE





**57007348**



FAN RADIAL 24VDC/ 76X76X27MM/ 22M3/H/ 2.9W/ INCL. PLUG  
LÜFTER RADIAL 24VDC/ 76X76X27/ 22M3/H/ 2,9W/ INCL. STECKER

**75050036**

### O-rings

Photo Foto	Description Bezeichnung
	O-RING 4X1/ VITON/ GREEN/ [10 PCS.] O-RINGE 4X1/ VITON/ GRÜN/ [10 STK.] <b>47510076E</b>
	O-RING 58X4/ VITON/ 75 SHORE/ [5 PCS.] O-RING 58X4/ VITON/ 75 SHORE/ [5 STK.] <b>47510303E</b>
	O-RING 5.5X1.5/ BUNAN/ BLACK O-RING 5,5X1,5/ BUNAN/ SCHWARZ <b>47510123</b>
	O-RING 16X2.5/ VITON/ [10 PCS.] O-RING 16X2,5/ VITON/ [10 STK.] <b>47510240E</b>



## SPECTROGREEN · FMT46 (2020)

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O-RING 26X4/ VITON/ 75 SHORE/ [5 PCS.]

O-RING 26X4/ VITON/ 75 SHORE/ [5 STK.]

**47510733E**

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O-RING/ 19X3.5/ VITON/ 75 SHORE [10 PCS.]

O-RING/ 19X3,5/ VITON/ 75 SHORE/ [10 STK.]

**47510249E**

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O-RING 25X2/ VITON/ [10 PCS.]

O-RING 25X2/ VITON/ [10 STK.]

**47510137E**

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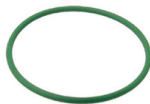


O-RING 6.00X2.00/ NBR70/ X-COAT S

O-RING 6,00X2,00/ NBR70/ X-COAT S

**47510777**

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O-RING 20X1/ VITON/ 75 SHORE/ [5 PCS.]

O-RING 20X1/ VITON/ 75 SHORE/ [5 STK.]

**47510275E**

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O-RING 31X2/ VITON/ 75 SHORE/ [5 PCS.]

O-RING 31X2/ VITON/ 75 SHORE/ [5 STK.]

**47510302E**

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O-RING 24X2.5/ NBR70/ X-COAT/ BLACK

O-RING 24X2,5/ NBR70/ X-COAT S/ SCHWARZ

**47510788E**

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## SPECTROGREEN · FMT46 (2020)



O-RING 12X3.5/ FKM/ 75 SHORE/ [10 PCS.]

O-RING 12X3,5/ FKM/ 75 SHORE/ [10 STK.]

**47510262E**



O-RING 34X4/ VITON/ [5 PCS.]

O-RING 34X4/ VITON/ [5 STK.]

**47510385E**



SPARE PART KIT O-RINGS FHX22

ERSATZTEILPAKET O-RINGE FHX22

**75270528**



O-RING 13X2/ VITON/ [5 PCS.]

O-RING 13X2/ VITON/ [5 STK.]

**47510111**




O-RING 6X1.5/ VITON/ [10 PCS.]

O-RING 6X1,5/ VITON/ [10 STK.]

**47510050E**

### Peristaltic pumps / tubings

Photo Foto	Description Bezeichnung
	<p>CYLINDER WHEEL HEAD/ FOR 3-CHANNEL PERIST. PUMP TYPE: MP12-SM/3 DMB/ FOR 71000249 (77040508,77040509)</p> <p>ROLLENKNOPF/ FÜR 3-KANAL PERIST. PUMPE TYP: MP12-SM/3 DMB/ FÜR 71000249(77040508,77040509)</p> <p><b>46103611</b></p>

## SPECTROGREEN · FMT46 (2020)

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TUBE TYGON (PVC)/ ID=0.89/ L=406MM/ 2 COLOR CODE STOPPER PUMP TUBE ORANGE/ORANGE/ [12 PCS.]

SCHLAUCH TYGON (PVC)/ ID=0,89/ L=406MM/ 2FACH FARBCODE STOPPER PUMPENSCHLAUCH ORANGE/ORANGE/ [12 STK.]

**47101003**

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HOSE TYGON/ OD=2.74/ ID=1.02/ 2 STOPPER WHITE-WHITE/ LENGTH=400MM/ [12 PCS.]

SCHLAUCH TYGON/ AD=2,74/ ID=1,02/ 2 STOPPER WEISS-WEISS/ LÄNGE=400MM/ [12 STK.]

**47201051**

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TUBE TYGON (PVC)/ ID=1.75/ L=406MM/ 2 COLOR CODE STOPPER PUMP TUBE BLUE-GREEN/ [12 PCS.]

SCHLAUCH TYGON (PVC)/ ID=1,75/ L=406MM/ 2FACH FARBCODE STOPPER PUMPENSCHLAUCH BLAU-GRÜN/ [12 STK.]

**47101005**

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HOSE TYGON/ OD=4.89/ ID=3.17/ 2 STOPPER BLACK-WHITE/ LENGTH=400MM/ [12 PCS.]

SCHLAUCH TYGON/ AD=4,89/ ID=3,17/ 2 STOPPER SCHWARZ-WEISS/ LÄNGE=400MM/ [12 STK.]

**47201052**

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HOSE TYGON/ OD=2.48/ ID=0.76/ 2 STOPPER BLACK-BLACK/ LENGTH=400MM/ [12 PCS.]

SCHLAUCH TYGON/ AD=2,48/ ID=0,76/ 2 STOPPER SCHWARZ-SCHWARZ/ LÄNGE=400MM/ [12 STK.]

**47201050**

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VIBRATION ABSORBER/ FOR PERISTALT. PUMP/ B10X15/ M4/ [4 PCS.]

SCHWINGUNGSDÄMPFER/ FÜR PERISTALTISCHE PUMPE/ B10X15/ M4/ [4 STK.]

**47550022**

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## SPECTROGREEN · FMT46 (2020)

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COUPLING RUBBER SM VITON PERISTALT. PUMP  
KUPPLUNGSGUMMI SM VITON PERISTALT. PUMPE  
**47550021**

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PRESS STRAP KIT/ FOR 3-CHANNEL PERIST. PUMP TYPE: MP12-SM/3 DMB/ FOR 71000249 (77040508,77040509)  
ANPRESSBÜGEL KIT/ FÜR 3-KANAL PERISTALT. PUMPE TYP: MP12-SM/3 DMB/ FÜR 71000249 (77040508,77040509)  
**71000248**

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ADJUSTING LEVER KIT/ FOR 3 CHANNEL PERIST. PUMP TYPE: MP12-SM/3 DMB/ FOR 71000249 (77040508,77040509)  
JUSTIERHEBEL KIT/ FÜR 3-KANAL PERIST. PUMPE TYP: MP12-SM/3 DMB/ FÜR 71000249 (77040508,77040509)  
**71000250**

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PARTS SET PUMP PERISTALTIC 3-CHANNEL/ 24VDC/ TYP: MP12-SM/3 DMB/ WITHOUT FRONT PANEL/ SPARES FOR 77040508,77040509  
TEILESATZ PUMPE PERISTALTIK 3-KANAL/ 24VDC/ TYP: MP12-SM/3 DMB/ OHNE FRONTPLATTE/ E-TEIL FÜR 77040508/77040509  
**71000249**

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PARTS SET OF SAFETY COVER PERISTALTIC PUMP/ BUILT IN 2020 OR LATER/ CA. 144X140X70MM  
TEILESATZ SICHERHEITSABDECKUNG PERISTALTISCHE PUMPEN/ AB BAUJAHR 2020/ CA. 144X140X70MM  
**71000796**

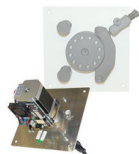
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BOARD SM DMB V2.0 COMPLETE/ SPARE PART FOR PERISTALTIC PUMP DMB  
PLATINE SM DMB V2.0 KOMPLETT/ ERSATZTEIL FÜR PERISTALTISCHE PUMPE DMB  
**71000834**

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## SPECTROGREEN · FMT46 (2020)



PERISTALTIC PUMP/ 3 CHANNEL/ DMB/ FMX46

PUMPE PERISTALTIK/ 3-KANAL/ DMB/ FMX46

**77040521**



PERISTALTIC PUMP/ 4 CHANNEL/ DMB/ FMX46

PUMPE PERISTALTIK/ 4-KANAL/ DMB/ FMX46

**77040522**

### Miscellaneous

Photo  
Foto

Description  
Bezeichnung



UNION JOINT BULKHEAD/ FOR HOSE ID2.3/ TYPE=LUER/ FOR PANEL  
INSTALLATION D6MM/ [5 PCS.]

VERSCHRAUBUNG SCHÖTT/ FÜR SCHLAUCH ID2,3/ TYP=LUER/ FÜR  
SCHALTAFELMONTAGE AUSBRUCH D6MM/ [5 STK.]

**44702040**



FLAG EXHAUST SENSOR

FAHNE ABLUFTSENSOR

**46503262**



LABEL BUTTON "PLASMA OFF"

SCHILD TASTER "PLASMA OFF"

**64015322**



KIT OPTION EXTERNAL PORT FOR "PLASMA ON" SIGNAL

TS OPTION EXTERNER PORT FÜR "PLASMA ON" SIGNAL

**71000670**

## SPECTROGREEN · FMT46 (2020)

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TANK WASTE WATER/ 10L/ WITH SWITCH  
BEHÄLTER ABWASSER/ 10L/ MIT SCHALTER

**75000502**

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OPTION OXYGENE  
OPTION SAUERSTOFF

**73004039**

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OPTICAL FIBER CONTROL/ 1.5M/ ASSEMBLY/ PLUG BLUE+GREY WITHOUT  
MARKING

LICHTLEITER STEUER/ 1,5M/ ASSEMBLY/ STECKER BLAU+GRAU OHNE  
MARKIERUNG

**75090021**

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TOOL, SCREWDRIVER FOR LENSE ATTACHMENT ICP EOP  
SCHRAUBWERKZEUG LINSENKLEMMUNG ICP EOP

**75160521**

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SCREW CAP/ FOR WIDE-MOUTH TANK/ CLOSED  
DECKEL/ FÜR KANISTER WEITHALS/ GESCHLOSSEN

**80012043**

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OPTIC-PAPER DRY/ [5X30 SHEETS]  
OPTIKPAPIER TROCKEN/ [5X30 BLATT]

**80000017**

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## SPECTROGREEN · FMT46 (2020)

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VACUUM GREASE KRYTOX GPL224  
VAKUUMFETT KRYTOX GPL224 1/2 OZ TUBE

**80005026**

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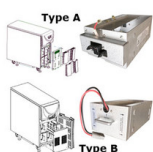
### Accessories

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Photo  
Foto

Description  
Bezeichnung

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BATTERY KIT FOR UPS SECURITY PLUS(II)/ 77020133+77020141/ 4 RACKS  
AKKUSATZ FÜR USV SECURITY PLUS (II)/ 77020133+77020141/ 4 EINSCHÜBE

**69001007**

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PARTS SET PARTICLE FILTER AR-LINE  
TEILESATZ PARTIKELFILTER AR-ZULEITUNG

**71000845**

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PATCH CABLE/ CROSS OVER/ RJ45-RJ45/ CAT.5/ L=3M/ GRAY  
PATCHKABEL/ CROSS OVER/ RJ45-RJ45/ KAT.5/ L=3M/ GRAU

**75120032**

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ARGON HUMIDIFIER TWO-CHANNEL ELEGRA CPL.  
BEFEUCHTER ARGON ZWEIKANAL ELEGRA KPL.

**75460543**

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HOLDER ARGON HUMIDIFIER  
HALTER ARGONBEFEUCHTER

**75560504**

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## SPECTROGREEN · FMT46 (2020)

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AUTOSAMPLER OILS-7400/ 60 POSITION RACK  
PROBENGEBER OILS-7400/ 60 POSITIONEN RACK

**77060517**

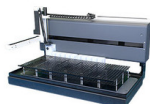
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UNINTERRUPTIBLE POWER SUPPLY 6000VA/ 208-240/104-240VAC/ 50/60HZ/  
UNTERBRECHUNGSFREIE SPANNUNGSVERSORGUNG/ 6000VA/ 208-240/104-  
240VAC/ 50/60HZ/

**77020141**

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AUTOSAMPLER OILS-7600/ 60 POSITION RACK  
PROBENGEBER OILS-7600/ 60 POSITIONEN RACK

**77060518**

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ASXPRESS - AQUEROUS VERSION FOR ASX  
ASXPRESS - AQUEROUS VERSION FÜR ASX

**77060509**

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ASXPRESS - OIL VERSION FOR ASX  
ASXPRESS - ÖL VERSION FÜR ASX

**77060508**

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BENCH FOR ASSESSORIES/ D900/ W750/ H743MM/ MOVEABLE  
TISCH FÜR ZUBEHÖR/ L900/ B750/ H743MM/ FAHRBAR

**78000002**

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BENCH FOR ARCOS/ D1500/ W750/ H743MM/ NOT MOVEABLE  
TISCH FÜR ARCOS/ L1500/ B750/ H743MM/ NICHT FAHRBAR

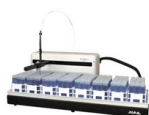
**78000003**

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## SPECTROGREEN · FMT46 (2020)

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AUTOSAMPLER XLR-8-60

PROBENGEBER XLR-8-60

**78280114**

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EXTERNAL TRIGGER INTERFACE/ DIGITAL AND ANALOG

EXTERNAL TRIGGER INTERFACE/ DIGITAL UND ANALOG

**77090037E**

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AUTOSAMPLER ASX-280/ W/O PUMP

PROBENGEBER ASX-280/ OHNE PUMPE

**78280096**

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AUTOSAMPLER SDX HPLD

PROBENGEBER SDX HPLD

**78280117**

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AUTOSAMPLER ASX-560/ W/O PUMP

PROBENGEBER ASX-560/ OHNE PUMPE

**78280095**

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ULTRA SONIC NEBULIZER USN-5000AT+/ 100-120VAC/ 50-60HZ/ 520W

ULTRASCHALLZERSTÄUBER USN-5000AT+/ 100-120VAC/ 50-60HZ/ 520W

**78997023**

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ULTRA SONIC NEBULIZER USN-5000AT+/ 220-240VAC/ 50-60HZ/ 520W

ULTRASCHALLZERSTÄUBER U-5000AT+/ 220-240VAC/ 50-60HZ/ 520W

**78997024**

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## SPECTROGREEN · FMT46 (2020)

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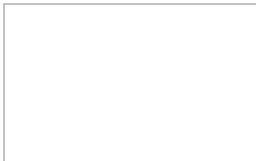


AUTOSAMPLER HT1000I/ 80X10ML/ 9X50ML

PROBENGEBER HT1000I/ 80X10ML/ 9X50ML

**78990038**

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AUTOSAMPLER AIM3300

AUTOSAMPLER AIM3300

**78990092**

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AUTOSAMPLER HT1211I/ WITHOUT PUMP/ INCL. RACKS 2\*15 ML TUBE, 1\*50 ML TUBE

AUTOSAMPLER HT1211I/ OHNE PUMPE/ INKL. RACKS 2\*15 ML TUBE, 1\*50 ML TUBE

**78310001**

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USB-STICK 32GB

USB-STICK 32GB

**80961121**

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