

GIBNIK INSTRUMENTS SPARES KITS

Regular preventive maintenance is essential for a proper operation. Regular preventive maintenance will increase the life of the instrument, result in maximum uptime, and provide you with optimum performance. Maintenance procedures are extensively covered in the User's Manuals.

The Spares Parts KITS (optional) contain the consumables and spares parts needed in the basic maintenance of the GIBNIK systems for one year. Keeping these parts on hand can reduce system downtime related to instrument maintenance and repair. Please, contact your local GIBNIK Distributor for any assistance or requirements of further supplies.

- GIBNIK HRGC Spares Kit
- GIBNIK MS Spares Kit
- GIBNIK HPLC Spares Kit



HRGC 5000B

GIBNIK HRGC SPARES KITS

General Spares KIT *KNK-SPA-5000*

Contains:

Description	Item n°	Qty (recommended p year)
Fuses 5x20 1A	24FUS520010R	3
Fuses 5x20 4A	24FUS520040R	5
Fuses 5x20 10A	24FUS520100R	3
Fuses 6,3x32 10A	24FUS630100R	2
Temperature sensor pt-100	GC4302PT-100L-0	1

Conventional Injector *KNK-SPA-5001*

Contains:

Description	Item n°	Qty (recommended p year)
Vespel ferrule 1/8"	30SGV08/F000	2
Liner 1/8"	433AINS005/0	2
10µl Hamilton syringe	ACH80300	1
Septa (Pk100)	AUC234905	1
Heater 125W 220V3/8*1.5	GC4302CALDET--0	1
Temperature sensor	GC4302PT-100L-0	1

Capillary Injector *KNK-SPA-5002*

Contains:

Description	Item n°	Qty (recommended p year)
Vespel ferrule 1/8"	30SGV08/F000	2
Liner 1/8"	433AINS005/0	2
10µl Hamilton syringe	ACH80300	1
Septa (Pk100)	AUC234905	1
Split hydrocarbon trap	GC4202PULMSP--0	1
SS Capillary reducer 1/8"-1/16"	GC4102ACOLD/I-0	2
Graphite Ferrule 0.5 (pk10)	AUC211105	1
Graphite Ferrule 0.8 (pk10)	AUC211108	1
Heater 125W 220V3/8*1.5	GC4302CALDET--0	1
Temperature sensor	GC4302PT-100L-0	1



KNK-SPA-5002

GIBNIK HRGC Spares Kits

PTV Injector *KNK-SPA-5003*

Contains:

Description	Item n°	Qty (recommended p year)
Vespel ferrule 1/8"	30SGV08/F000	2
PTV Liner 1/8"	433AIN5005/2	2
10µl Hamilton syringe	ACH80300	1
Septa (Pk100)	AUC234905	1
Split hydrocarbon trap	GC4202PULMSP--0	1
SS Capillary reducer 1/8"-1/16"	GC4102ACOLD/I-0	2
Graphite Ferrule 0.5 (pk10)	AUC211105	1
Graphite Ferrule 0.8 (pk10)	AUC211108	1
Heater 125W 220V3/8*1.5	GC4302CALDET--0	1
Temperature sensor	GC4302PT-100C-0	1

FID Detector *KNK-SPA-5010*

Contains:

Description	Item n°	Qty (recommended p year)
FID/NPD Jet	433AFID011/0	1
FID Ignitor	4330AFID005/0	1
Graphite Ferrule 1/4" FID/NPD	30SGG04/F000	1
Viton O'ring 12*1.5	37TOR12015/V	1
Heater 125W 220V3/8*1.5	GC4302CALDET--0	1
Temperature sensor	GC4302PT-100C-0	1



KNK-SPA-5010

TCD Detector *KNK-SPA-5015*

Contains:

Description	Item n°	Qty (recommended p year)
WX Pair matched filaments	433TCDF13002/	2
Heater 125W 220V3/8*1.5	GC4302CALDET--0	1
Temperature sensor	GC4302PT-100C-0	1

ECD Detector *KNK-SPA-5020*

Contains:

Description	Item n°	Qty (recommended p year)
ECD Jet	433AECD011/0	1
Graphite Ferrule for ECD base	433AECD022/0	1
Graphite Ferrule 1/4" ECD	30SGG04/F100	1
Viton O'ring 15*2.0	37TOR15020/V	1
Heater 125W 220V3/8*1.5	GC4302CALDET--0	1
Temperature sensor	GC4302PT-100C-0	1

NPD Detector *KNK-SPA-5025*

Contains:

Description	Item n°	Qty (recommended p year)
FID/NPD Jet	433AFID011/0	1
Alkaline bead	433ANPD00010	1
Graphite Ferrule 1/4" FID/NPD	30SGG04/F000	1
Viton O'ring 12*1.5	37TOR12015/V	1
Heater 125W 220V3/8*1.5	GC4302CALDET--0	1
Temperature sensor	GC4302PT-100C-0	1

GC/HPLC/MS MAINTENANCE

FPD Detector **KNK-SPA-5030**

Contains:

Description	Item n°	Qty (recommended p year)
FID/NPD Jet	433AFID011/0	1
FID Ignitor	4330AFID005/0	1
Graphite Ferrule 1/4" FID/NPD	30SGG04/F000	1
Heater 125W 220V3/8*1.5	GC4302CALDET--0	1
Temperature sensor	GC4302PT-100C-0	1

FID/FPD Detector **KNK-SPA-5032**

Contains:

Description	Item n°	Qty (recommended p year)
FID/NPD Jet	433AFID011/0	1
FID Ignitor	4330AFID005/0	1
Graphite Ferrule 1/4" FID/NPD	30SGG04/F000	1
Heater 125W 220V3/8*1.5	GC4302CALDET--0	1
Temperature sensor	GC4302PT-100C-0	1

TOOL KIT **KNK-SPA-TOOLK**

Contains:

Description	Item n°	Qty (recommended p year)
Fixed key 1/4"-5/16"	29FIJ104516/	2
Combined key 7/16"	29COM716000/	2
Combined key 10mm	29COM010000/	1
Allen key 4mm	29ALL0040/00	1
Allen key 3mm	29ALL0030/00	1
Allen key 1.5mm	29ALL0015/00	1
Jet Screwdriver	29KNK00JET/0	1
SS Multiuse extractor	29KNK00EXT/0	1

SET OF 5T-PIECES **KNK-SPA-TKIT**

Contains:

Description	Item n°	Qty (recommended p year)
T brass 1/8"	30SWL08MTE/0	5

METHANIZER SPARE KIT **KNK-319-735**

Contains:

Description	Item n°	Qty (recommended p year)
Methanizer Replacement tube	knk-319-735	1

KONIK MSQ12 Spares Kits

GC EI KIT OF SPARES AND CONSUMABLES

KNK-Q12-500

Contains:

Description	Item n°	Qty (recommended p year)
MS1520FILAMEN40	Filament	3
MS1520CONFONTO	Kit of screws and connectors for source	1
MS1510SETORIN-1	Set off o-rings for MSQ12	1
MS1320PT-100--1	Source temperature sensor	1
MS1120AISIMAN-0	Trap insulator	1
MS1550PANFOSFO0	Phosphorous screen	1
VRA010996	Oil charge for RVP (2L)	1
MS1120CERGUIA-0	Ceramic lens holder	4
MS1120LINER---0	Source liner	2
MS1320CALEF40-0	Source heater	1
MS1520WIRESOUR0	Source wires set with terminals	1
MS1560PFTBA---1	PFTBA calibration compound	1
MS1560VIALRO--0	Calibration vial	1
MS1360CALEF200-0	Transfer Line heater	1
MS1360PT-100--1	Transfer Line temperature sensor	1
MS1120LENTEI--0	EI focusing lens	4
MS1120VOLUMIO-0	EI ionisation chamber	1



KONIK MSQ12 GC

GC EI/CI KIT OF SPARES AND CONSUMABLES

KNK-Q12-520

Contains:

Description	Item n°	Qty (recommended p year)
MS1520FILAMEN40	Filament	3
MS1520CONFONTO	Kit of screws and connectors for source	1
MS1320PT-100--1	Source temperature sensor	1
MS1120AISIMAN-0	Trap insulator	1
MS1550PANFOSFO0	Phosphorous screen	1
VRA010996	Oil charge for RVP (2L)	1
MS1120CERGUIA-0	Ceramic lens holder	4
MS1120LINER---0	Source liner	2
MS1320CALEF40-0	Source heater	1
MS1520WIRESOUR0	Source wires set with terminals	1
MS1560PFTBA---1	PFTBA calibration compound	1
MS1560VIALRO--0	Calibration vial	1
MS1360CALEF200-0	Transfer Line heater	1
MS1360PT-100--1	Transfer Line temperature sensor	1
MS1120LENTEI--0	EI focusing lens	4
MS1120LENTCI2-0	CI focusing lens 2mm	2
MS1120LENTCI3-0	CI focusing lens 3mm	2
MS1120VOLUMIO-0	EI ionisation chamber	1
MS1120VOLUMGC-0	CI ionisation chamber	1

GC/HPLC/MS MAINTENANCE



KNK-Q12-530

SOURCES CLEANING KIT

KNK-Q12-530

Contains:

Description	Item n°	Qty (recommended p year)	
MS1520NYGLOVE-0	Nylon gloves, large (PK24)	1	
MS1520TEXCLOTH0	Clean Tex cloths (PK50)	1	
MS1520MIMESH0-0	Micro mesh abrasive sheet kit	2	
MS1520MIMESH0-0	Micro mesh polishing file board	2	
MS1520COTTIP--0	Cotton tipped applicators (PK100)	1	
MS1520ALPOWDER0	Alumina powder	1	
MS1520DUSTOFF-0	Disposable dust-off bottle	1	
29PIN000000/	Tweezer set	1	
29DES000000/	Jewelers screwdrivers set	1	
MS1520BIMAGN--0	Binocular magnifier	1	

DIP KIT OF SPARES AND CONSUMABLES

KNK-Q12-550

Contains:

Description	Item n°	Qty (recommended p year)	
MS1540C RUCI29-0	Crucibles for MS Q12 DIP (PK50)	1	
MS1540COVER29-0	Cover for DIP crucibles (PK50)	1	
MS1540PINZAVIA0	MS Q12 DIP vials tweezer	1	
MS1140SUPVIAL-0	MS Q12 DIP vials support block	1	
MGJ1278140	Semi-micro spatula	1	
MGJ1000013	Kolle handler	2	
MS1140DIPDUMM-0	DIP Dummy probe	1	
MS1140TUBREFRI1	DIP Cooling tube with clamps	1	

LC ESI/APCI KIT OF SPARES AND CONSUMABLES

KNK-Q12-510 (ESI) KNK-Q12-540 (ESI/APCI)

Contains:

Description	Item n°	Qty (recommended p year)	
KNK-STD-KIT5	Set of calibration compounds for LC-MS	1	1
AGKA0584	Nut peek 1/16IN UNF 10-32 (PK10)	2	2
AGKA0685	Peek capillary 1/16IN ODX0.25MM ID, 1.5M long	1	1
MS1131PUNTAESI1	ESI TIP complete	2	2
MS1130CALDRY--0	Drying Gas Heater	1	1
MS1360PT-100--1	MS Q12 Temperature sensor	1	1
MS1130ORINGSET0	O'ring set for ESI/APCI source	1	1
AUC211105	0.5mm graphite ferrule (PK10)	1	1
MS1132CORAPCI-0	APCI Corona complete		1
MS1132CALAPCI-0	APCI Heater and Temperature sensor		1
MS1132CAPIAPCI0	APCI capillary SS 33/180mm/3		2

GIBNIK HPLC Spares Kit

560 ISOCRATIC PUMP SPARES KIT *KNK-069-050*
560 GRADIENT PUMP SPARES KIT *KNK-069-055*

Contains:

Description	Item n°	Qty (recommended p year)
Piston seal 1/8" U-U320HB(CC)-06-GFP-HST	ACE507	2
Piston seal 1/8" U-R320MB-06-T-316	ACE508	2
Inlet cartridge 250-1190	ACE250-1190	1
Outlet cartridge 250-1195	ACE250-1195	1
Piston 1/8" with set of washers	ACEPC22900	2

UV-VIS 560 DETECTOR SPARES KIT *KNK-069-965*

Contains:

Description	Item n°	Qty (recommended p year)
Flow Cell Analytical UV-VIS 560	ACE79000001	1
Deuterium Lamp	ACE22590001	1
Tungsten Lamp	ACE7590002	1

PDA 560 AND UV-VIS 560 MW DETECTOR SPARES KIT *KNK-069-975*

Contains:

Description	Item n°	Qty (recommended p year)
Flow Cell Analytical PDA 560	ACE14000000	1
Deuterium Lamp	ACE22590001	1

7725i INJECTION VALVE SPARE KIT *KNK-069-960*

Contains:

Description	Item n°	Qty (recommended p year)
Stator for 7725i	AVR7725-010	1
Stator face assembly for 7725i	AVR7725-026	1

HPLC TOOL KIT *KNK-069-985*

Contains:

Description	Item n°	Qty (recommended p year)
Tub cutting 1/6" OD	29KNKTUBCUT/	1
Fixed key 1/4 - 5/16"	29FIJ04516/	2



KONIK HPLC 560

GENERAL SUPPLIES: KITS AND TOOLS

Capillary Survival Kit®

Our Capillary Survival Kit was designed with the practicing chromatographer in mind. Each kit includes:



AUC205625

- Magnifier with built in light
- Slide-Lok tweezers for holding small items; "spacing" the column proper distances into the injection port, etc.
- 15 cm steel ruler
- 3 column scribes, for cleanly-cut columns
- 2 universal unions for joining broken capillary columns or connecting guard columns
- Single-ended pin vise holds drill bits
- 3 drill bits, 0.4 mm, 0.5 mm and 0.8 mm
- Multipurpose septum pick
- Nylon brushes, 1/8", 3/16" and 1/4"
- Pipecleaners 5 each, 1/8" OD and 1/4" OD
- Open-end wrench, 1/4" + 5/16"
- High temperature string (>400OC) 25 ft.
- 2 Ferrule remover

Description

Capillary Survival Kit

Item No.

AUC205625

Injection Port Cleaning Kit

This is designed for cleaning all GC injection ports, including those in GIBNIK instruments. Kit contains three stainless steel brushes, 5 mm, 1/4" and 3/8", and one scraper for removing septum residue.



AUC206211

Description

Injection Port Cleaning Kit

Item No.

AUC206211

FID Cleaning Kit

Use this kit to clean both the jet tip and collector. It includes three jet reamers, 0.016", 0.019", and 0.024" OD; one mini-drill bit 0.0102" OD; two wire mini-brushes, one brass and one stainless steel; and a dual-ended handle for the reamers and brushes.



AUC205220

Description

FID Cleaning Kit

Item No.

AUC205220

Packed Column Change Kit

The Packed Column Change Kit includes three ratchet wrenches, 7/16", 1/2" and 9/16"; one Imp® Tubing cutter, and one roll of PTFE tape, 1/2" x 520". The ratchet wrenches are ideal for tight spaces; the ratchet tips can be opened, then snapped closed around the fittings.



AUC205250

Description

Packed Column Change Kit

Item No.

AUC205250

Injection Liner Cleaning Kit

This kit includes four different sizes of nylon brushes to clean most liners, and one foot of pipe cleaner. The 4 mm and 2 mm diameter brushes clean standard liners; the 1 mm and 0.5 mm diameter brushes can reach inside reversible tapered liners.

Description	Item No.
Injection Liner Cleaning Kit	AUC205215



AUC205215

Glass Wool Inserter

Used for inserting glass wool into packed columns. Simply wrap a small piece of glass wool around the tip to push it into the column.

Description	Item No.
Glass Wool Inserter	AUC486310



AUC486310

Fine Wire Kit

The GIBNIK Fine Wire Kit lets you clean many small items around the lab; also useful for bending into microhooks, other uses. The kit contains a pin vise, and 30 stainless steel wires, 10 each of the following sizes, 0.006", 0.010" and 0.020".

Description	Item No.
Fine Wire Kit	AUC205230



AUC205230

Glass Tubing Cutter

For shortening glass columns or inserts; other applications involving glass tubing. The hardened steel cutting wheel scores tubing as it is turned; cuts tubing up to 1.5" OD.

Description	Item No.
Glass Tubing Cutter	AUC205595
Spare Cutting Wheels, 5/pk	AUC205596



AUC205595

Allen Wrench Set

Standard or Metric. The standard (USA) Allen wrenches come in a set of 9, from 0.050" to 3/16". The metric Allen wrenches come in a set of 7, from 1.5 mm to 6 mm.

Description	Item No.
Allen Wrench Set, Standard	AUC205670
Allen Wrench Set, Metric	AUC205671



AUC205670

PTFE Tape

This is great for leak-proofing fittings; dry-lubricating joints. Do not use over ferrules. PTFE tape comes in rolls of 520 inches; 1/2" wide.

Description	Item No.
PTFE Tape	AUC205117



AUC205117



AUC205632

Mirror on a Stick

The Mirror on a Stick lets you peer around corners or tight spaces; also used at the outlet of flame detectors; condensation on the mirror indicates the flame is lit.

Description	Item No.
Mirror on a Stick	AUC205632



AUC205678

Micro Hook

This is a multi-purpose hook used for pulling O-rings, springs, or septum fragments.

Description	Item No.
Micro Hook	AUC205678



AUC205642

Threadulator Thread Cutter

Cleans up cross-threaded fittings on columns, fittings, ect. Knurled outer handle for secure grip; hardened steel cutter. Available in three sizes.

Description	Item No.
Threadulator, 1/16"	AUC205638
Threadulator, 1/8"	AUC205640
Threadulator, 1/4"	AUC205642



AUC205676

Jeweler's Screwdriver

Six flat head screwdrivers with convenient swivel-top handles. Blades are from 0.025" to 100" in width.

Description	Item No.
Jeweler's Screwdriver	AUC205676



AUC205320

Capillary / HPLC Wrench Set

This set includes 4 wrenches for use on 1/32", 1/16" or 1/8" nuts. The wrench ends are 3/16", 1/4", 5/16", 3/8" and 7/16".

Description	Item No.
Capillary / HPLC Wrench Set	AUC205320



AUC205622

Open End Wrenches

This set fits most types of fittings. Sizes range from 5/16" to 9/16" in 1/16" increments. Made from chrome-plated steel. 5 wrenches.

Description	Item No.
Open End Wrenches	AUC205622

Magnet on a Stick

This is used to pick up small objects such as screws and nuts from instrument cabinets and circuit boards.

Description

Magnet on a Stick

Item No.

AUC205630



AUC205630

Needle Cleaning Kit

This kit is specifically designed for cleaning syringes and needles. It includes one bottle of organic, biodegradable cleaning solution, and 10 each of five different diameter tungsten wires, ranging in diameter from 0.0035" to 0.0121". Suggested cleaning procedures are included. This kit is especially recommended for cleaning Hamilton syringes.

Description

Needle Cleaning Kit

Item No.

ACH76620



ACH76620

Lighted Magnifier

This is perfect for inspecting capillary end cuts and syringe tips. The 3 cm x 3 cm lens magnifies 4x; small bifocal insert lens measure 8x. Keep one in your desk. Batteries included.

Description

Lighted Magnifier

Item No.

AUC205648



AUC205648

Needle-Nose Pliers

These are useful for picking up or clamping small parts. Comes with vinyl grips for sure grip.

Description

Needle-Nose Pliers

Item No.

AUC205626



AUC205626

Wire Stripper / Crimper

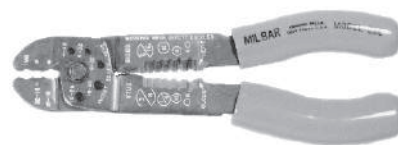
Useful for cutting or stripping wire, and crimping on connectors. For repairs, maintenance and prototyping.

Description

Wire Stripper / Crimper

Item No.

AUC205574



AUC205574