



GATAN, INC.

**SERVICE PARTS, SPARES AND CONSUMABLES CATALOG
FOR SPECIMEN PREPARATION PRODUCTS**

To order spares for systems under warranty contact: jeanies@gatan.com

To order spares for systems not under warranty contact: lperry@gatan.com

Service Parts, Spares and Consumables - 960, 961

P/N	Description	Picture	Category & Products
13151	Gonio Stage		960 Autogoniometer
13325	Gonio Stage		961 Autogoniometer
13016	Gonio Coupling		961 Autogoniometer
961.30003	Gonio Limit Sensor		961 Autogoniometer
13205	Gonio Motor		960,961 Autogoniometer
13321	Gonio Linear Bearing		960 Autogoniometer
13256	Gonio Plunger		960 Autogoniometer


Service Parts, Spares and Consumables - 960, 961

P/N	Description	Picture	Category & Products
960.06012	Gonio Interface Board		960,961 Autogoniometer
960.00016	Gonio Controller Box		960,961 Autogoniometer
961.30004	Gonio Pic-Servo Cable		960,961 Autogoniometer, Cables
960.30044	Gonio Power Cable		960,961 Autogoniometer, Cables
960.13041	Camera, JAI CV-M40, Monochrome		960 Camera
960.30051	Camera Power Cable (For JAI CV-M40 Monochrome, CV-M71A Color and Pulnix 6700 Color Cameras)		960,961 Camera, Cables
960.30050	Camera Video Cable (For JAI CV-M40 Monochrome Camera only)		960 Camera, Cables

Service Parts, Spares and Consumables - 960, 961

P/N	Description	Picture	Category & Products
960.30052	Camera Data Transfer Cable (For JAI CV-M40 Monochrome Camera only)		960 Camera, Cables
13377	Camera, JAI-S2500P, Color		960 Camera
960.08105	Camera Power Cable (For JAI-S2500P Color Camera only)		960 Camera, Cables
960.08104	Camera video cable (For JAI-S2500P Color Camera only)		960 Camera, Cables
960.08103	Camera Data Transfer Cable (For JAI-S2500P Color Camera only)		960 Camera, Cables
13042	Camera, Pulnix 6700		961 Camera
961.30001	Camera Video Cable (For Pulnix 6700 camera only)		961 Camera, Cables




Service Parts, Spares and Consumables - 960, 961

P/N	Description	Picture	Category & Products
961.30002	Camera Data Transfer Cable (For Pulnix 6700 and for CV-M71A cameras)		961 Camera, Cables
960.13412	Camera, JAI CV-M71A		961 Camera
960.30054	Camera Video Cable (For JAI CV-M71A camera only)		961 Camera, Cables
960.U1	SW Upgrade, includes: HDD + Tray Submicron version 7.X Dongle (No PC!!)		960,961 Computer SW/HW
960.U2	SW & HW Upgrade, includes: PC (P/N 960.20000) Dongle		960,961 Computer SW/HW
960.20070	Computer Assembly Pentium 4 (With hardware, without software)		960,961 Computer HW
960.20000	Computer Assembly Pentium 4 (With hardware, with software, no dongle)		960,961 Computer HW

Service Parts, Spares and Consumables - 960, 961

P/N	Description	Picture	Category & Products
13108	ACS Motion Controller V:24.41-19B		960,961 Computer HW
13370	Corona 1 Analog PCI Frame Grabber <i>(For systems with old JAI Color Camera)</i>		960 Computer HW
13232	Corona 2 Analog PCI Frame Grabber <i>(For systems with Monochrome Camera)</i>		960,961 Computer HW
960.30027	Corona 2 Analog PCI Frame Grabber <i>(For systems with Monochrome Camera)</i>		960,961 Computer HW, Cables
960.30028	20 Pin Ribbon Extension Cable		960,961 Computer HW, Cables
960.30029	40 Pin Ribbon Extension Cable		960,961 Computer HW, Cables
960.13396	Hard Drive 80GB SATA <i>(Includes SW loaded from Ghost image file, Does not include a new Windows license)</i>		960,961 Computer HW

Service Parts, Spares and Consumables - 960, 961

P/N	Description	Picture	Category & Products
13511	Hard Drive Removable Drawer SATA	Missing photo	960,961 Computer HW
960.50055	Monitor Base Cover		960,961 Computer Accessories
13126	17" Philips LCD Monitor		960,961 Computer Accessories
13279	PS2 KEYBOARD		960,961 Computer Accessories
13116	E.M.O. Cap for Power Panel		960,961 General Electronics
13143	Fuse 6.30A Slow Blow 5X20MM		960,961 General Electronics, Fuses
13144	Fuse 0.1A Fast Blow 6.3X32MM		960,961 General Electronics, Fuses








Service Parts, Spares and Consumables - 960, 961

P/N	Description	Picture	Category & Products
13145	Fuse 4.0A Slow Blow 6.3X32MM		960,961 General Electronics, Fuses
13146	Fuse 8.0A Slow Blow 6.3X32MM		960,961 General Electronics, Fuses
13367	Fuse Holder 20A 250V 6.3X32MM		960,961 General Electronics
13266	Relay 2CO 16A 120VAC		960,961 General Electronics
13267	Relay 2CO 16A 230VAC		960,961 General Electronics
13309	Relay Socket 6232/6233		960,961 General Electronics
13191	110V Neon Bulb		960,961 General Electronics, Bulbs

Service Parts, Spares and Consumables - 960, 961

P/N	Description	Picture	Category & Products
13192	220V Neon Bulb		960,961 General Electronics, Bulbs
13263	Push-Button Switch		960,961 General Electronics
13333	Switch Block 2 N.O.		960,961 General Electronics
13128	Double Pole Switch Block (Emergency)		960,961 General Electronics
13190	Green Bulb		960,961 General Electronics
13335	Key Lock Switch		960,961 General Electronics
13223	Emergency Red Push-Button		960,961 General Electronics

Service Parts, Spares and Consumables - 960, 961

P/N	Description	Picture	Category & Products
960.24100	Z 2ND Encoder Control Assembly		960,961 General Electronics
13132	Z 2ND Encoder		960,961 General Electronics
13334	Door Switch		960,961 General Electronics
13189	12V 5W Bulb		960,961 General Electronics, Bulbs
960.23000	PPH Balcony Board Rev. 1.0 <i>(Obsolete)</i>		960,961 General Electronics
960.23002	PPH Balcony Board Rev. 4.0		960,961 General Electronics
960.22000	SMP Board Rev. 1.0 <i>(Obsolete)</i>		960,961 General Electronics

Service Parts, Spares and Consumables - 960, 961

P/N	Description	Picture	Category & Products
960.22010	SMP Board Rev. 3.0		960,961 General Electronics
13261	275W Power Supply (Obsolete)		960,961 General Electronics
960.22060	275W Power Supply with New Lamp Connector		960,961 General Electronics
960.30022	Microscope Lamp Cable, Rev. 1.0		960,961 General Cables
960.30068	Microscope Lamp Cable, 16AWG Rev 2.0		960,961 General Cables
960.30036	Wiper Cross Cable		960,961 General Cables
960.30034	Water 7 Nitrogen/Air Adapter Cable		960,961 General Cables

Service Parts, Spares and Consumables - 960, 961

P/N	Description	Picture	Category & Products
960.30031	Signal Tower Cable		960,961 General Cables
960.30002	20 Pin Ribbon Cable		960,961 General Cables
960.30003	34 Pin Ribbon Cable		960,961 General Cables
960.30004	40 Pin Ribbon Cable		960,961 General Cables
960.30001	60 Pin Ribbon Cable		960,961 General Cables
960.30009	Y Encoder Cable		960,961 General Cables
960.30010	Z Encoder Cable		960,961 General Cables

Service Parts, Spares and Consumables - 960, 961

P/N	Description	Picture	Category & Products
960.30037	Z Limit Switch Split Cable		960,961 General Cables
960.30011	X Encoder Cable		960,961 General Cables
960.30008	T Encoder Cable		960,961 General Cables
960.30015	Nosepiece Cable		960,961 General Cables
960.30016	Y Limit Switch Cable		960,961 General Cables
960.30017	X Limit Switch Cable		960,961 General Cables
960.30019	T Limit Switch Cable		960,961 General Cables

Service Parts, Spares and Consumables - 960, 961

P/N	Description	Picture	Category & Products
960.30020	X Limit Switch Cross Cable		960,961 General Cables
960.30023	X Motor Extension Cable		960,961 General Cables
960.30024	Y Motor Extension Cable		960,961 General Cables
960.30025	Z Motor Extension Cable		960,961 General Cables
960.30042	T Limit Switch		960,961 General Cables
960.30058	10 Pin PPH Flat Cable		960,961 General Cables
960.30059	50 Pin PPH Flat Cable		960,961 General Cables

Service Parts, Spares and Consumables - 960, 961

P/N	Description	Picture	Category & Products
960.30061	Renishaw Encoder Cable		960,961 General Cables
960.30062	Liquid Level Inverter Cable		960,961 General Cables
13026	9 Pin Extension Cable 1.80 Meters		960,961 General Cables
960.30047	Renishaw Sensor Cable		960,961 General Cables
960.30053	Touch Cable		960,961 General Cables
960.30005	Z 2nd Encoder Control Assembly Cable		960,961 General Cables
960.30048	Slurry Extension Cable		960,961 General Cables






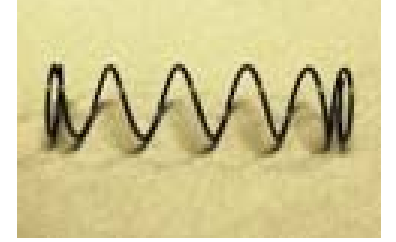
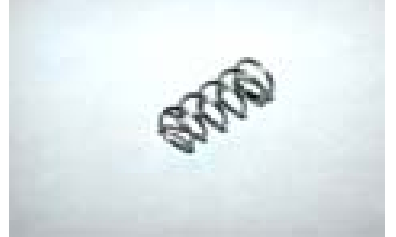
Service Parts, Spares and Consumables - 960, 961

P/N	Description	Picture	Category & Products
960.30007	Door Switch Cable		960,961 General Cables
960.30049	Polisher Sensor Extension Cable		960,961 Polisher, Cables
960.30046	Polisher Plate Sensor Cable		960,961 Polisher, Cables
960.30040	Polisher Cable		960,961 Polisher, Cables
13044	Drain Net		960,961 Polisher
13226	Polisher Plate O-Ring		960,961 Polisher
960.11000	Polisher Complete Assembly (With Motor & Tacho, P/N 960.11029, and Amplifier Controller, P/N 13107)		960,961 Polisher

Service Parts, Spares and Consumables - 960, 961

P/N	Description	Picture	Category & Products
960.11027	Polisher Plate		960,961 Polisher
13289	8" Polishing Ring		960,961 Polisher
13015	Polisher Tension Ball Bearings 7X22X7MM		960,961 Polisher
960.11029	Wired Polisher Motor & Tacho Unit		960,961 Polisher
13017	Polisher Belt (MXL-152)		960,961 Polisher
13107	Polisher Amplifier Controller		960,961 Polisher
960.30041	Polisher Internal Cable		960,961 Polisher, Cables

Service Parts, Spares and Consumables - 960, 961

P/N	Description	Picture	Category & Products
13134	Encoder Scale, Self Adhesive		960,961 Polishing Head
13133	Renishaw "Polish-Eye" Sensor		960,961 Polishing Head
13131	Locking Element ,RFN 8006		961 Polishing Head
13200	Linear Bearing for Polishing Head		961 Polishing Head
13322	Linear Bearing (IKO for Polishing Head)		960 Polishing Head
13318	Head Spring		961 Polishing Head
13319	Head Spring		960,961 Polishing Head





Service Parts, Spares and Consumables - 960, 961

P/N	Description	Picture	Category & Products
960.07010	Screw thumb (KNURL)		960,961 Polishing Head
960.07002	Stub Holder		960 Polishing Head
13326	Laser Stage S25/X-6		960,961 Laser
960.10000	laser Z-Limit Assembly		960,961 Laser
13194	laser,3-6 VOLT		960,961 Laser
13022	12V100W Halogen Bulb		960,961 Microscope & Illumination
13171	Illumination Unit and Microscope (Old)		960,961 Microscope & Illumination



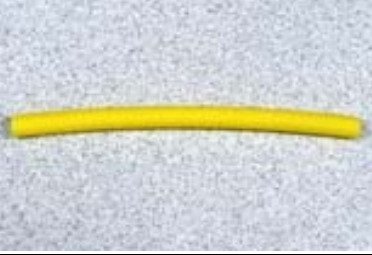
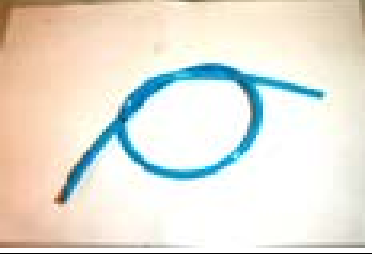


Service Parts, Spares and Consumables - 960, 961

P/N	Description	Picture	Category & Products
13366	Olympus Microscope		960,961 Microscope & Illumination
13399	Illumination Unit U-KMAS		960,961 Microscope & Illumination
13209	Motorized 6-Lens Nosepiece		960,961 Optics
13221	Objective MPLAPO1.25X/0.04		961 Optics
13092	Objective MOLFN 2.5x/0.08		961 Optics
13220	Objective MPLN 5X/0.1 M PLAN ACH		960,961 Microscope
13219	Objective MPLN 20X/0.4 M PLAN ACH		960,961 Microscope


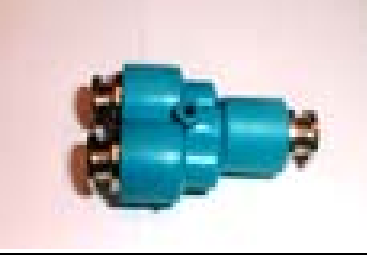




Service Parts, Spares and Consumables - 960, 961

P/N	Description	Picture	Category & Products
13344	Objective MPLFLN 50X/0.8 M PLAN		960,961 Microscope
13095	Objective MPLFLN 100X/0.90		960,961 Microscope
13003	Tube Fitting: 6mm Quick Connect (PL6) to 1/4"NPT Male, Elbow		960,961 Hydraulics & Pneumatic
13350	Tube Fitting: 6mm Quick Connect (PL6) to 1/8"NPT Male, Elbow		960,961 Hydraulics & Pneumatic
13004	Tube Fitting: 1/4" Quick Connect to 1/8"NPT Male		960,961 Hydraulics & Pneumatic
13005	Tube Fitting: 6mm Quick Connect (PL6) to 1/8"NPT Female		960,961 Hydraulics & Pneumatic
13135	6mm to 6mm Feed Through Connector (For Back Panel)		960,961 Hydraulics & Pneumatic

Service Parts, Spares and Consumables - 960, 961

P/N	Description	Picture	Category & Products
03165	Nylon Tubing, Clear, OD-6mm, ID-4mm, 1 Meter		960,961 Hydraulics & Pneumatic
00771	Nylon Tubing, Black OD-6mm, ID-4mm, 1 Meter		960,961 Hydraulics & Pneumatic
03168	Nylon Tubing, Yellow OD-6mm, ID-4mm, 1 Meter		960,961 Hydraulics & Pneumatic
13270	Nylon Tubing, Blue OD-6mm, ID-4mm, 1 Meter		960,961 Hydraulics & Pneumatic
13148	Pressure Gauge 12Atm		960,961 Hydraulics & Pneumatic
13264	Regulator N2,MR-1/4 5207004		960,961 Hydraulics & Pneumatic








Service Parts, Spares and Consumables - 960, 961

P/N	Description	Picture	Category & Products
960.00031	Solenoid Valve		960,961 Hydraulics & Pneumatic
13314	6mm Tube Splitter		960,961 Hydraulics & Pneumatic
13346	1/8' Needle Valve		960,961 Hydraulics & Pneumatic
960.05007	T Motor Assembly		960,961 Motion Stages, Motors
13258	T Rotary Stage		960,961 Motion Stages, Motors
13110	Coupling for T Motor & Stage		960,961 Motion Stages, Motors
13111	Coupling for X, Y, Z Motors & Stages		960,961 Motion Stages, Motors

Service Parts, Spares and Consumables - 960, 961

P/N	Description	Picture	Category & Products
13152	Encoder for X, Y, Z Motors & Stages		960,961 Motion Stages, Motors
960.01100	Motors for X, Y, Z Stages		960,961 Motion Stages, Motors
960.02010	X Stage & Limits Assembly		960,961 Motion Stages, Motors
960.03010	Y Stage & Limits Assembly		960,961 Motion Stages, Motors
960.04020	Z Stage & Limits Assembly		960,961 Motion Stages, Motors
13011	6mm Angle Tube Barb		960,961 Wiper
13169	6mm-M5 Angle Tube Barb With Nut	<p>BF6U-SUS HOSE BARB 6mm-M5 SS WITH NUT</p> 	960,961 Wiper

Service Parts, Spares and Consumables - 960, 961

P/N	Description	Picture	Category & Products
960.09014	Wired Wiper Motor		960,961 Wiper
960.09016	Wiper Motor Gear		960,961 Wiper
960.30057	Pinch Valve		960,961 Auto Lubrication System
13018	Polyethylene Bottle		960,961 Auto Lubrication System
13052	Cap for Polyethylene Bottle		960,961 Auto Lubrication System
13342	Silicon Tubing, 30cm		960,961 Auto Lubrication System
13254	3M Sink Pipe, 3 Meters		960,961 Drain







Service Parts, Spares and Consumables - 960, 961

P/N	Description	Picture	Category & Products
13117	Air Damper (BILZ)		960,961 Main Frame
13345	Air Damper Valve		960,961 Main Frame
13118	Computer Frame Pads (BILZ)		960,961 Main Frame
960.00012	Computer Frame Bushing Leg		960,961 Main Frame
13054	Main Frame Caster with Ratchet		960,961 Main Frame
13320	Gas Spring, 50N		960,961 Main Frame
13732	Seal Washer M10		960,961 Main Frame

Service Parts, Spares and Consumables - 960, 961

P/N	Description	Picture	Category & Products
960.09013	Sponge for Wiper		960,961 Consumables
960.00003	Sponge for Conditioner		960,961 Consumables
13765	White Grease for X, Y, Z Stages		960,961 Supplies, Consumables
623.01100	Specimen Mounting Wax (Crystal Bond) (12 Rods, 3.5mmx32mm)		623,656,960,961 Supplies, Consumables
12312	Lapping Abrasive Film, Diamond 30μ, Green, 25/Pack 3 Mil Thickness		960,961 Supplies, Consumables
12319	Lapping Abrasive Film, Diamond 6μ, Brown, 25/Pack 3 Mil Thickness		960,961 Supplies, Consumables
12320	Lapping Abrasive Film, Diamond 3μ, Pink, 25/Pack 3 Mil Thickness		960,961 Supplies, Consumables


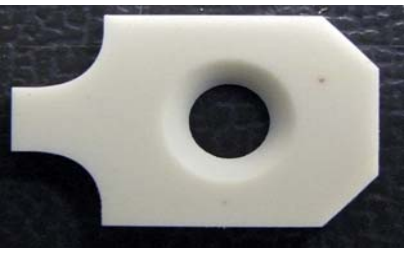



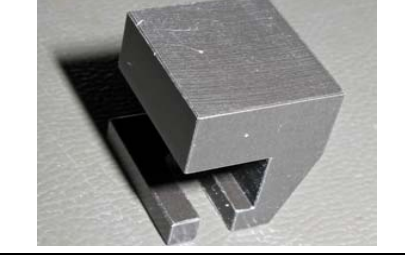

Service Parts, Spares and Consumables - 960, 961

P/N	Description	Picture	Category & Products
12321	Lapping Abrasive Film, Diamond 1 μ , Lavender, 25/Pack 3 Mil Thickness		960,961 Supplies, Consumables
12322	Lapping Abrasive Film, Diamond 0.5 μ , White, 25/Pack 3 Mil Thickness		960,961 Supplies, Consumables
12323	Lapping Abrasive Film, Diamond 0.1 μ , Green, 25/Pack 3 Mil Thickness		960,961 Supplies, Consumables
12324	Lapping Abrasive Film, Diamond 3 μ , Pink, 25/Pack 1 Mil Thickness		961 Supplies, Consumables
12325	Lapping Abrasive Film, Diamond 1 μ , Lavender, 25/Pack 1 Mil Thickness		961 Supplies, Consumables
12326	Lapping Abrasive Film, Diamond 0.5 μ , White, 25/Pack 1 Mil Thickness		961 Supplies, Consumables
12329	Lapping Abrasive Film, Aluminum Oxide 0.05 μ , White, 50/Pack 3 Mil Thickness		960,961 Supplies, Consumables

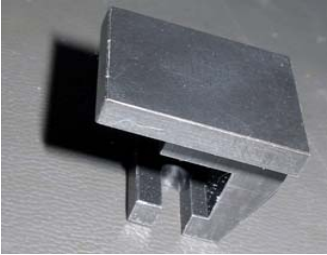
Service Parts, Spares and Consumables - 960, 961

P/N	Description	Picture	Category & Products
12330	Lapping Abrasive Film, Silicon Carbide 5 μ , Gray, 50/Pack 3 Mil Thickness		960,961 Supplies, Consumables
12331	Lapping Abrasive Film, Silicon Carbide 1 μ , Gray 50/Pack 2 Mil Thickness		960,961 Supplies, Consumables
13369	Lapping Abrasive Film, SiO2 0.25 μ , Green, 100/Pack 3 Mil Thickness		960,961 Supplies, Consumables
960.90105	Stub Block Holder		960,961 Accessories
961.90110	New TEM Stub and Post		960,961 Accessories
960.90100	Polishing Stub for Cross-Sectioning (For SEM Applications)		960,961 Accessories
960.90101	Polishing Stub for Thinning (For TEM Applications) (To be used either with P/N 960.90103 or P/N 960.90102)		960,961 Accessories

Service Parts, Spares and Consumables - 960, 961

P/N	Description	Picture	Category & Products
960.90103	Aluminum Carrier 1.2 (To be used with P/N 960.90101)		960,961 Accessories
960.90102	Aluminum Carrier 1.1 (To be used with P/N 960.90101)		960,961 Accessories
961.90101	Loading Dock for Parallel Stubs		961 Accessories
961.90100	Polishing Stub for Parallel Polishing 8X6		961 Accessories
961.90105	Polishing Stub for Parallel Polishing 10X8		961 Accessories
961.90106	Polishing Stub for Parallel Polishing 14X12.5		961 Accessories
961.90104	Polishing Stub for Parallel Polishing 16X16		961 Accessories

Service Parts, Spares and Consumables - 960, 961

P/N	Description	Picture	Category & Products
961.90103	Polishing Stub for Parallel Polishing 20X20		961 Accessories