

Leica Geosystems Original Accessories **Equipment List**



- when it has to be **right**

Leica
Geosystems

Accessories Equipment List

Tripods



Professional

- 296632 GST20, Wooden heavy duty tripod. with plumb bob
 394752 GST20-9, Wooden heavy duty tripod.
 667301 GST120-9, Wooden heavy duty tripod, selfclosing.
 328422 GST40, Wooden tripod with rigid legs.
 753312 GST71 Fieldgear tripod

Basic

- 399244 GST05, Wooden tripod with polymer coating.
 563630 GST05L Aluminium-Tripod

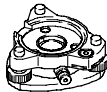
Choice

- 726831 CTP101, Wooden tripod with shoulder strap and side clamp screws, heavy duty.
 726833 CTP103, Aluminium tripod with shoulder strap and side clamp screws, medium weight.

Tripod accessories

- 332200 GST4, tripod-star for setting up tripods on hard and slippery surfaces.
 734163 GHT43, Adapter for mounting TCPS26/27 on GST20/GST120 tripod.
 748417 GHT58 Tripod bracket for GFU housing

Tribrachs



Professional

- 667304 GDF121 Tribrach, without optical plummet, pale green.
 667307 GDF122 Tribrach, with optical plummet, pale green.
 443603 GDF21 Tribrach, without optical plummet, light green.
 506299 GDF21 Tribrach, with optical plummet, light green.

Basic

- 748888 GDF111-1 Tribrach, without optical plummet, pale green.
 667308 GDF112 Tribrach, with optical plummet, pale green/red.

Choice

- 726839 CTB101 Tribrach, without optical plummet, black.

Tribrach accessories

- 667718 GHM007 Instruments height meter.
 722045 GHT196 Distance holder for height meter.
 667244 Height Hook with integrated tape measure.

Carriers



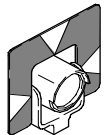
Professional

- 667316 SNLL121, Precision carrier, with plate level, Zenith and Nadir laser plummet
 428340 GZR3 Precision carrier, with plate level, optical plummet

Basic

- 725566 GZR103 carrier, with plate level and optical plummet, for reflectors and GPS antenna, pale green.
 560112 GRT44 carrier for GPS antenna, EDM reflectors and target plates, light green.
 667313 GRT144 carrier for GPS antenna, EDM reflectors and target plates, pale green.
 667216 GRT146 carrier with 5/8 inch screw, GPS antenna screws on directly.

Reflectors



Standard Prisms

Professional

- 641617 GPR121 Circular prism, with holder and target plate
 362830 GPR1 Circular prism, in container
 362820 GPH1 Single-prism holder
 400080 GPH3 Three-prism holder
 555631 GPH1P Single-prism precision reflector.
 639985 GRZ4 360° Reflector

Basic

- 641618 GPR111 Circular prism with holder and target plate
 726295 GPR112 Monitoring-mining prism, with M8 internal thread in the back for direct mounting and 5/8"
 753492 GPR113 Circular prism with red holder

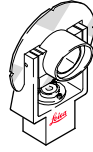
Choice

- 731346 CPR105, Flat prism with double sided reflector.

Standard Prism accessories

- 362823 GZT4 Target plate for GPH1
 726296 GHT112 Mounting set for GPR112 with M8 and 5/8" internal thread adapters, suitable for direct fixing systems on nearly every surface, prism is adjustable and fixable in two axes.
 727406 GDZ112, rain shelter for Monitoring Mining Prism GPR112.
 727589 CTC102, Soft bag with shoulder strap, for prism station, consist of tribrach, prism carrier or laser plummet and prism.

Mini Prisms



Professional

- 641662 GMP101 Mini prism, incl. bubble, target plate and spike, in bag
 641762 GMP104 Mini prism, with L-bar, for fixed installations.

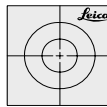
Basic

- 641615 GMP111 Mini prism, incl. Bubble and GLS115 Mini reflector pole
 642534 GMP111-0 Mini prism 0-Constant, incl. Bubble and GLS115 Mini reflector pole
 644187 SMP222 Sliding Mini-Prism. True 0-Constant Prism, incl. Bubble and Mini reflector pole.
 644327 GRZ101, 360° Mini prism with pole and level assembly.

Mini Prism accessories

- 742006 GAD103, Adapter for attaching the GRZ101 to all poles (except mini poles) and reflector carriers.
 743503 GAD105, Adapter for GMP111 Mini prism to pole.
 742329 GMP112, Hidden Point pole extension for GMP111. Includes miniprism with holder and 30cm adapter pole.
 744495 GMP112-0, Hidden Point pole extension for GMP111-0. Includes one miniprism and one 30cm adapter pole.
 642344 GVP608, Soft bag, for Mini prism GMP111, GRZ101.

Reflector tapes



- 635317 RETROTARGET S, Retro targets, 20x20mm, 20 pieces, 2-40m.
 635318 RETROTARGET M, Retro targets, 40x40mm, 20 pieces, 20-100m.
 635319 RETROTARGET L, Retro targets, 60x60mm, 20 pieces, 60-180m.
 733327 GZM28, Reflective Tape 60x60mm, pack of 20 pieces.

Survey Poles

Professional

- 385500 GLS11 Reflector pole, telescopic, with circular bubble, cm and ft graduation, extends to 2,15m
 403427 GLS14 Mini reflector pole, (prism/target 20cm, over point) with circular bubble.
 667309 GLS111 Reflector pole, with bull's-eye bubble, cm/ft graduation, extends to 2.60m, with red/white 0.20m graduations
 667310 GLS112 Reflector pole, with bull's-eye bubble, cm/ft graduation, extends to 3.65m, with red/white 0.20m graduations



Basic

- 642106 GLS115 Mini reflector pole, four screw-together sections, extends to 1.30m, for GMP111/CPR105.

Choice

- 748967 CPP105 Reflector pole with circular bubble for GMP111/CPR105, snap-lock at 1,50m and 2,00m.

Survey Pole accessories

- 667319 GSR111 Dual Strut support
 555720 GSR2 Dual strut support for GLS11 plumbing Pole
 403428 GZW412 Extension 1m long, for reflector pole GLS11 and carriers
 733264 GHT39, Holding plate for RX1200 Series Controller.
 742007 GHT52, Clamp arrangement for attaching the GHT39 to All poles (except mini poles).

GPS Poles

Aluminium

- 667221 GLS17 Bottom-part aluminium pole
 667222 GLS18 Top-part aluminium pole w. 5/8" screw
 667224 GLS19 Top-part aluminium pole with stub
 667228 GAD32 Telescopic rod with 5/8 inch screw

Carbon Fibre

- 667225 GLS20 Bottom-part carbon-fibre pole
 667226 GLS21 Top-part carbon pole, with 5/8" screw
 667227 GLS22 Top-part carbon pole with stub
 752292 GLS30 GPS telescopic pole, carbon-fibre

GPS Pole accessories

- 667217 GAD31 Screw-to-stub adapter for GPS antenna
 667223 GHT25 Grip with circular bubble
 560138 GST6 Quickstand for pole
 747096 GHT56 Holder for RX1250 and GFU
 747817 GHT57 Tripod bracket for GHT56

Memory Devices



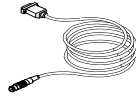
Memory cards

- 733256 MCF32, CompactFlash card 32MB.
 734275 MCF64, CompactFlash card 64MB.
 733257 MCF256, CompactFlash card 256MB.
 745995 MCF1000, CompactFlash card 1GB.
 733258 MCFAD1, CompactFlash PC Card adapter.
 639949 PCMCIA-SRAM memory card, 2 MB (approx. 8'000 data blocks), for TPS1000/2000.

Card readers

- 733259 MCR5, Card reader for CompactFlash card.
 743119 MCR6, USB Card reader for Flash and SRAM cards.

Cables



Data-transfer cables

409684	GEV58 Cable Y-shaped, connecting Theodolite or DISTOMAT with Leica Modem/ Datarecorder and External batterie, Y-Cable, long.
563625	GEV102, Data transfer cable, connects a TPS or DNA to PC (9-pin RS232 serial), 2m.
733280	GEV160, 2.8m Data transfer cable. Connects GPS1200 receiver Ports 1, 2 and 3, or RX1220 to PC for data transfer, firmware upload etc. Lemo to 9 pin RS232 serial connector.
733281	GEV161 Data cable 2.8m, Lemo to USB
734696	GEV185, data transfer cable, connects RX1220 to TPS1200, 1.8m.
734698	GEV187, Y-cable, connects TPS1200 to PC (9-pin RS232 serial) and external battery, 2m.
734699	GEV188, Y-cable, connects TCPS27 or RX1200 to PC (9-pin RS232 serial) and external battery, 1.8m.
734700	GEV189, Data transfer cable, Lemo to USB connector (incl. USB electronics), 2.0m. Connects TPS/DNA to PC for data transfer. PC driver and user manual included on CD.
734755	GEV195, 2.8m Data transfer cable, Lemo to USB connector (Incl. USB electronic). Connects GPS Receiver to PC for data transfer, firmware upload etc. PC driver included on CD
707525	Lemo Canon converter 30°, for PC.
750073	GEV212 Interface cable, 5m

Direct serial communication Bluetooth

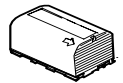
8216666	Bluetooth Kit (includes BlueTooth module, charger, rain cover and tripod hook. Suitable for all Leica instruments.)
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Power cables

409678	GEV52, cable, connects TPS or DNA to external battery
439038	GEV71, 4m car battery cable, connects GPS receiver to 12V car battery.
560130	GEV97, 1.8m power cable, connects external battery GEB171 to GPS1200 receiver.
734697	GEV186, Y-cable, connects RX1200 or TCPS27 to TPS1200 and external battery, 1.8m.
734698	GEV187, Y-cable, connects TPS1200 to PC (9-pin RS232 serial) and external battery, 2m.
734699	GEV188, Y-cable, connects TCPS27 or RX1200 to PC (9-pin RS232 serial) and external battery, 1.8m.
734959	GEV190, Y-cable, connects RX1200 to TCPS27 and external battery, 2m.

749279	GEV208, Power supply unit for TPS/GPS, for indoor use only. Input 100-240VAC to output 12VDC, with connection for power cables.
731772	AC power cable 3-pole US.
731773	AC power cable 3-pole EU.
734232	AC power cable 3-pole UK.
734233	AC power cable 3-pole AUS.
738586	AC power cable 3-pole CH.

Power Source



Internal Batteries

733270	GEB221, Lithium-Ion battery, 4Ah, rechargeable. To be used with TPS1200 and GPS1200 series.
733269	GEB211, Lithium-Ion battery, 2Ah, rechargeable. To be used with RX1220 and ATX1230.
667123	GEB121, Plug-in Camcorder battery, NiMH, 6V/4.2Ah, rechargeable (for TPS400/700 /800, GPS500).
667318	GEB111 Plug-in Camcorder battery, NiMH, 6V/2.1Ah, rechargeable (for Builder, TPS400/700/800).
712156	GAD39 Battery adapter.
667147	GEB187 Plug-in battery, NiMH, 12V/1,8Ah, rechargeable (for TPS1000, TPS2000).
439149	GEB77 Plug-in battery, NiCd, 12V/0.6Ah, rechargeable (for TC400...905)
522767	GEB79 Plug-in battery, 12V/0.5Ah, rechargeable

External batteries

727367	GEB171, External universal battery, NiMH, 12V/9Ah rechargeable.
402210	GEB70 Small 12V 2Ah NiCd battery, rechargeable.

Chargers



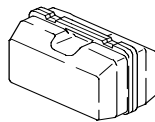
Professional

- 733271 GKL221, Charger. To be used with up to two charging adapters GDI221 or GDI222, Charger cable and net adapter included.
- 733323 GDI221, Adapter for GKL221 for charging 2 Li-Ion batteries GEB221, GEB211.
- 733322 GDI222, Adapter for GKL221 for charging Ni-Mh batteries of type GEB121, GEB111, charger cable included for GEB87, GEB187, GEB77, GEB79, GEB70, GEB71, GEB171 or adapterplate GDI121.
- 734389 GDC221, Car adapter for the GKL221 charger. Allows the use of the GKL221 with a cigarette lighter; 12V24V DC/DC Converter.

Basic

- 734752 GKL211, Charger, for Li-Ion batteries GEB221 and GEB211, car adapter cable and net adapter included.
- 734753 GKL112, Charger, for Ni-Mh batteries GEB121 and GEB111, car adapter cable and net adapter included.
- 636983 GKL22 Charger, 230V, 50/60Hz, Euro-type plug, charges one battery GEB87 or GEB70, normal charges 14 hours.
- 639959 GKL22-1 Charger, 115 V, US version.

Containers



- 555634 GVP468, Container for 2 precision reflectors.
- 667451 GVP609, Container, for 2 Circular prisms GPR111/121, 2 Laser plummets and 2 tribrachs.
- 733267 GVP623, Hard container for GX1210 / GX1220 / GX1230. and GRX1200 Receivers, AX1201 / AX1202 Antenna, RX1200 Controller series, cables and accessories
- 733268 GVP624, Hard container for ATX1230 SmartAntenna.
- 667137 Minipack, holds GPS receiver

Container accessories

- 632249 GDZ20, Back strap, for transport container, for each container two are needed.
(for TPS1000/2000 Tachymeters)
- 744501 GDZ66, Back strap (2), for container

Optics



Eyepieces

- 721966 GFZ2 Diagonal eyepiece for telescope T100.
- 734514 GFZ3 Diagonal eyepiece for telescope, except T100.
- 376236 GOK6 Eyepiece for steep sights, with joint allowing variable sighting angle.
- 377802 FOK53 Eyepiece, additional eyepiece (modification in a workshop necessary)

Objective Lenses

- 363871 GVO7 Auxiliary lens, in case, measuring range 1.72-0.88m. "For Theodolites and angle measurements with tachymeters only"
- 743504 GVO13, Objective Solar Filter for TPS.
- 636977 GSB5 Sunshade for digital level.

DNA Staffs

Professional

- 560271 GPCL3, Invar bar code levelling staff, 3m, with circular level
- 560274 GPCL3, Invar bar code levelling staff, 3m, with circular level, with expansion coefficient certificate and length calibration certificate
- 563659 GPCL2, Invar bar code levelling staff, 2m, with circular Level
- 632313 GWCL92, Industrial bar code levelling staff, 92 cm, invar staff with circular bubble and 2 interchangeable bases.
- 563733 GWCL60, Invar bar code scale, 60 cm

Basic

- 522794 GKNL4M, Dual face levelling staff, 4m, 3 sections, code/cm-graduation, with handles and circular bubble, in transport bag
- 522793 GKNL4F, Dual face levelling staff, 13.3ft, 3 sections, code/ft graduation, with handles and circular bubble, in transport bag
- 667113 GTL4C, Telescopic levelling staff, 4m, aluminium, bar code/mm-graduation, with bull's-eye bubble, in transport bag



Whether you want to monitor a bridge or a volcano, survey a skyscraper or a tunnel, stake out a construction site or perform control measurements – you need reliable equipment.

Using Leica Geosystems Original Accessories ensures the specifications of instruments are met, giving you the precise and reliable measurements that you need and expect.

With Leica Geosystems Original Accessories you can rely on accuracy, quality and long life, and guarantee that you get the most from your instrument.

When it has to be right.

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