

Leica Geosystems Educational Offer

TPS/GNSS Viva SmartPole Package

Part Nr: 6003437

TPS/GNSS Sensor and Accessories:

Description	Units
TCRP1201+ R1000, 1"(0.3 mgon) total station with reflectorless EDM, automatic target recognition, PowerSearch, laser plummet, 1 keyboard with touch screen, colour display, electronic guide light EGL, communication sidecover GSD, standard applications	1
GTS23, 2nd keyboard with touch screen, colour Display, for TPS1200+ instruments, for telescope position 2, fitted.	1
GDF121, PRO Tribrach, without optical plummet, pale green.	1
GST120-9, Wooden heavy duty tripod, selfclosing.	1
MCF256, CompactFlash card 256MB.	1
MCFAD1, CompactFlash PC Card adapter.	1
GEB221, Lithium-Ion battery, 7.4V/4.4Ah, chargeable.	2
GKL221, Charger PRO. To be used with up to two charging adapters GDI221 or GDI222, Chargercable and net adapter included.	1
GDI221, Adapter for GKL221 for charging 2 Li-Ion batteries GEB221, GEB211.	2
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.	1
CS15 Radio Field Controller. Ruggedized WinCE field controller with full VGA touch display , 1GB NAND Flash Memory , 512MB SDRAM, CF/SD card slot and 2MP camera. Includes Bluetooth, Internal WLAN module, Internal TPS radio module, QWERTY keypad, stylus. Available with either Lemo connector (CBC01) or DSUB connector module(CBC02).	1
CBC01. Lemo Connector module with Power jack, Lemo (USB and Serial) and USB A Host for CS10 and CS15 field controller	1
SPF01. Anti - glare display foils for CS10 or CS15 field controller.	1
SmartWorx Viva software and DVD	1
SmartWorx Viva license key	1
MSD1000, industrial grade SD memory card 1GB for GS10/GS15 receiver and CS10/CS15 field controller	1
GEB212, Lithium Ion battery, 7.4V / 2.6Ah, chargeable	4
GHT62, Pole holder base plate for CS10 and CS15 field controller.	1

GHT63, Clamp arrangement for attaching the GHT62 holder to all poles.	1
GLS12, Reflector pole, telescopic to 2.00m with circular bubble, cm graduations.	1
GRZ122, 360° Reflector with 5/8" thread adapter for mounting of GPS antenna.	1
RH15 Radio Handle with integrated radio modem and radio antenna.Used as radio modem for TPS1200+ and TS30/TM30 instruments together with CS10 & CS15 field controller	1
GAD31, Screw-to-stub adapter for fitting GPS antenna on carriers with stub and poles with stub.	1
GS15 Professional, RTK GNSS SmartAntenna. Geodetic 120 channel GNSS receiver, with same options as on the GS15 Performance and additionally all GNSS options (GLONASS, GPS L5, Galileo), NMEA out and RINEX logging	1
GAD110, SmartStation Adapter. Required to attach GS15 SmartAntenna onto TPS1200+ total station series for SmartStation setup.	1
GPS Raw Data Logging License (for SmartStation).	1
GEV237, 1.65 m USB connection cable, to connect GS15/GS10 receiver to Lemo port on a CS field controller (with Lemo CBC01 connector module) (Lemo to Lemo)	1
GEV234, 1,65 m USB connection cable. (Lemo to USB A)	1
GVP642, Hard container for GS15 SmartAntenna and CS15/CS10 field controller. The container allows a GS15 rover, and all accessories for a SmartStation and SmartPole to be transported.	1

SmartWorx Viva Application Software:

Viva application "COGO Area Division".	1
Viva application "DTM Stakeout".	1
Viva application "Monitoring".	1
Viva application "Reference Line".	1
Viva application "Reference Plane and Face Scan".	1
Viva application "RoadRunner".	1
Viva application "RoadRunner Tunnel".	1
Viva application "Sets of Angles".	1
Viva application "Survey Cross Section".	1
Viva application "Survey Surface and Volumes".	1
Viva application "TPS Hidden Point".	1
Viva application "Traverse".	1

Office Software:

Leica Geo Office Software, not protected.	1
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