



Leica RTC300/ RTC500/RTC700

Equipment List

English
Version 1.0



Table of Contents

Leica RTC300/RTC500/RTC700		3
1	Scanner set RTC300	3
2	Scanner set RTC500	4
3	Scanner set RTC700	4
4	Scanner set RTC700 - surveyor package	5
Accessories for RTC300/RTC500/RTC700		6
5	Power Supply	6
	5.1 Internal Battery	6
	5.2 Battery Charger	6
	5.3 External power	6
6	Tripods	6
7	Tribrachs	6
8	Adapter	6
9	Instrument height meter	6
10	Targets	7
	10.1 Targets	7
	10.2 Target Accessories	7
	10.3 Target Pole	7
	10.4 Magnetic Mount for Targets	7
	10.5 Reflector Carriers	7
11	Transport Options	7
12	Software	8
13	Hexagon GeoCloud	8
Suggested Equipment Setups		9
14	Configuration for remote control using a tablet (on lightweight tripod)	9
15	Configuration for remote control using a tablet (on heavy duty tripod and tribrach)	10
Customer Care Packages		11
16	Customer Care Packages (CCP)	11
Trademarks & Technical Data		12
17	Trademarks	12
18	Technical Data	12

Leica RTC300/RTC500/RTC700

1 Scanner set RTC300



6020227

RTC300 Scanner Package, consisting of:

- 1x RTC300 Laser Scanner (1049888)
 - 1x GVP780 Transport Container for RTC300/500/700 (1001248)
 - 4x GEB461 Lithium-Ion Battery (973449)
 - 1x GKL341 Charger PRO 5000 (799187)
 - 1x RTC Rain Cover (636767)
 - 1x Leica RTC300/500/700 Quick Guide
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2 Scanner set RTC500



6020225

RTC500 Scanner Package, consisting of:

- 1x RTC500 Laser Scanner (1021010)
 - 1x GVP780 Transport Container for RTC300/500/700 (1001248)
 - 4x GEB461 Lithium-Ion Battery (973449)
 - 1x GKL341 Charger PRO 5000 (799187)
 - 1x RTC Rain Cover (636767)
 - 1x Leica RTC300/500/700 Quick Guide
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3 Scanner set RTC700



6020224

RTC700 Scanner Package, consisting of:

- 1x RTC700 Laser Scanner (1021011)
 - 1x GVP780 Transport Container for RTC300/500/700 (1001248)
 - 4x GEB461 Lithium-Ion Battery (973449)
 - 1x GKL341 Charger PRO 5000 (799187)
 - 1x RTC Rain Cover (636767)
 - 1x Leica RTC300/500/700 Quick Guide
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4 Scanner set RTC700 - surveyor package



6020223

RTC700 Scanner Package for Surveyors, consisting of:

- 1x RTC700 Laser Scanner (1021011)
 - 1x GVP780 Transport Container for RTC300/500/700 (1001248)
 - 4x GEB461 Lithium-Ion Battery (973449)
 - 1x GKL341 Charger PRO 5000 (799187)
 - 1x GDF324 Tribrach PRO, with optical plummet black (1042177)
 - 1x GAD120 Adapter to tribrach (842067)
 - 1x GHM007 Instrument height meter (667718)
 - 1x GHT196 Distance holder for height meter (722045)
 - 1x RTC Rain Cover (636767)
 - 1x Leica RTC300/500/700 Quick Guide
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Accessories for RTC300/RTC500/RTC700

5 Power Supply

5.1 Internal Battery



973449	GEB461	Lithium-Ion battery, 10.8V, 6.7Ah, rechargeable.
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5.2 Battery Charger



799185	GKL311	Single-bay charger Prof 3000. Charger for one Li-Ion battery including AC/DC adapter and car adapter cable.
799187	GKL341	Multi-bay charger Prof 5000. Charges up to 4 batteries, including power cable.

5.3 External power



864640	GEV282	AC power supply. For indoor use only.
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6 Tripods



842066	GST80	Lightweight Tripod for RTC Laser Scanner.
667301	GST120-9	Heavy duty tripod, self-closing, with side clamp screws and carrying strap.
332200	GST4	Tripod-star, for setting up tripods on hard and slippery surfaces.

7 Tribrachs



777970	GDF323	Tribrach, without optical plummet, black.
1042177	GDF324	Tribrach PRO, with optical plummet, black.

8 Adapter



842067	GAD120	Tribrach Adapter for RTC Laser Scanner.
1034013	GAD132	Adapter for flexible mounting of the RTC300/500/700.
1034014	GAD133	Adapter to mount the RTC300/500/700 on the topographic tripod with a 5/8" screw.

9 Instrument height meter



667718	GHM007	Instrument height meter.
722045	GHT196	Distance holder for GHM007.

10 Targets

10.1 Targets



822694	GZT21	4.5" circular black/white tilt & turn target for Leica RTC Series. Leica standard stub fitting to mount on e.g. GLS12 pole. Centre height at Leica standard reflector height.
6009743		Target package, consisting of: <ul style="list-style-type: none"> • 4x GZT21 Scanning target (822694) • 4x GAD50 Stub-to-Screw adapter (823044) • 4x Flat magnet mount (670229) • 1x GVP703 Soft bag (790314)

10.2 Target Accessories



670223		Target tripod.
670224		Target tripod bag.
790314	GVP703	Soft bag, for 4.5" circular black/white tilt & turn targets.
667319		Dual Strut Support. With 2 telescopic legs, for rapid set-up. Suitable for poles of all diameters.

10.3 Target Pole

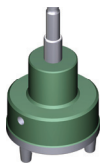


385500		Reflector pole with stub. Quick release clamp for easy and rapid height adjustment. Graduated in cm and ft, minimum length 1.24 m (4.07 ft), extendible to 2.15 m (7.05 ft), weight 940 g (2.07 lb).
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10.4 Magnetic Mount for Targets

670228		V-block magnetic mount for targets with 5/8" x 11 threaded post, for mounting on steel pipes.
670229		Flat magnetic mount for targets with 5/8" x 11 threaded post, for mounting on flat steel surfaces.
823044	GAD50	Adapter for mounting reflectors and target plates with stub fitting on 5/8" carriers.

10.5 Reflector Carriers



667313	GRT144	Carrier with stub, pale green.
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11 Transport Options




1015142	GVP781	Backpack for RTC300/500/700.
1016669	GVP782	Hard-shell backpack for RTC300/500/700.
1001248	GVP780	Transport Container for RTC300/500/700.

12 Software



979836	Cyclone REGISTER 360 PLUS Permanent
5311711	Cyclone REGISTER 360 PLUS Option (1yr Subscription)
979 916	Cyclone REGISTER 360 PLUS 15 day Eval
979 921	Cyclone REGISTER 360 PLUS EnterpriseElite
979 919	Cyclone REGISTER 360 PLUS TimeLimited
6018134	Cyclone REGISTER 360 PLUS CCP 1yr
5311715	Cyclone REGISTER 360 PLUS CCP 1yr Updates
5311721	Cyclone REGISTER 360 PLUS CCP 1yr Support
6018135	Cyclone REGISTER 360 PLUS CCP 2yr
5311716	Cyclone REGISTER 360 PLUS CCP 2yr Updates
5311722	Cyclone REGISTER 360 PLUS CCP 2yr Support
6018136	Cyclone REGISTER 360 PLUS CCP 3yr
5311717	Cyclone REGISTER 360 PLUS CCP 3yr Updates
5311723	Cyclone REGISTER 360 PLUS CCP 3yr Support
5005590	Cyclone REGISTER 360 PLUS CCP Reactivation



 The Cyclone FIELD 360 app for iOS is available for download at Apple App Store and for Android on Google Play. The app is free of charge, but an active Cyclone REGISTER 360 PLUS licence or Cyclone FIELD 360 / Cyclone FIELD 360 Pro licence is needed for activation. Contact your Leica Geosystems sales representative for recommended technical specifications.

5313556	Cyclone FIELD 360
5313557	Cyclone FIELD 360 Pro

13 Hexagon GeoCloud



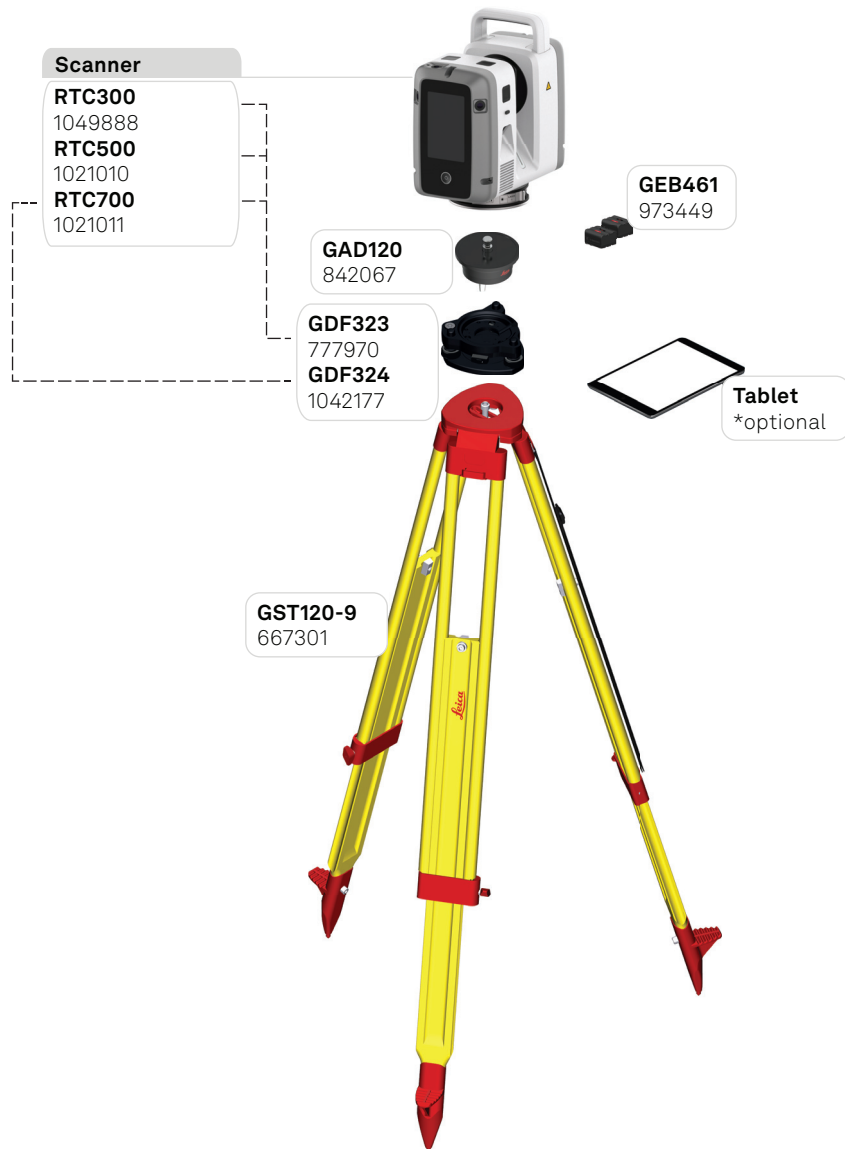
5312305	Hexagon GeoCloud 1 TB Subscription 1yr
5312636	Hexagon GeoCloud 2 TB Subscription 1yr
5312306	Hexagon GeoCloud 3 TB Subscription 1yr
5313489	Hexagon GeoCloud 4 TB Subscription 1yr
5312606	Hexagon GeoCloud 5 TB Subscription 1yr
5313463	Hexagon GeoCloud 6 TB Subscription 1yr
5313464	Hexagon GeoCloud 7 TB Subscription 1yr
5313485	Hexagon GeoCloud 8 TB Subscription 1yr
5313486	Hexagon GeoCloud 9 TB Subscription 1yr
5312607	Hexagon GeoCloud 10 TB Subscription 1yr
5313487	Hexagon GeoCloud 15 TB Subscription 1yr
5313488	Hexagon GeoCloud 20 TB Subscription 1yr
5312608	Hexagon GeoCloud 25 TB Subscription 1yr
5313516	Hexagon GeoCloud 30 TB Subscription 1yr
5313706	Hexagon GeoCloud 35 TB Subscription 1yr
5313450	Hexagon GeoCloud 50 TB Subscription 1yr
5313576	Hexagon GeoCloud 60 TB Subscription 1yr

Suggested Equipment Setups

14 Configuration for remote control using a tablet (on lightweight tripod)



15 Configuration for remote control using a tablet (on heavy duty tripod and tribrach)



Customer Care Packages

16 Customer Care Packages (CCP)

The RTC300, RTC500, RTC700 Standard and RTC700 Surveyor packages are not supplied with a Customer Care Package (CCP). Customer Care Packages with varying contract durations are available but must be ordered with the initial purchase of an instrument.



6020107	1 yr TLS RTC300/500/700 CCP Basic.
6020108	2 yr TLS RTC300/500/700 CCP Basic.
6020109	3 yr TLS RTC300/500/700 CCP Basic.
6020110	5 yr TLS RTC300/500/700 CCP Basic.



6020141	1 yr TLS RTC300/500/700 CCP Blue.
6020142	2 yr TLS RTC300/500/700 CCP Blue.
6020143	3 yr TLS RTC300/500/700 CCP Blue.
6020144	5 yr TLS RTC300/500/700 CCP Blue.



6020145	2 yr TLS RTC700/500/300 CCP Bronze.
6020146	3 yr TLS RTC700/500/300 CCP Bronze.
6020147	5 yr TLS RTC700/500/300 CCP Bronze.
6020148	1 yr Ext. TLS RTC700/500/300 CCP Bronze.



6020149	1 st yr TLS RTC300/500/700 CCP Silver.
6020150	2 yr TLS RTC300/500/700 CCP Silver.
6020151	3 yr TLS RTC300/500/700 CCP Silver.
6020152	5 yr TLS RTC300/500/700 CCP Silver.
6020153	1 yr Ext. TLS RTC300/500/700 CCP Silver.



6020154	1 st yr TLS RTC300/500/700 CCP Gold.
6020155	2 yr TLS RTC300/500/700 CCP Gold.
6020156	3 yr TLS RTC300/500/700 CCP Gold.
6020157	5 yr TLS RTC300/500/700 CCP Gold.
6020158	1 yr Ext. TLS RTC300/500/700 CCP Gold.

	Customer Support	Extended Warranty	Hardware Maintenance incl. Calibration	Loaner Instrument
Basic	✓			
Blue	✓		✓	
Bronze	✓	✓		
Silver	✓	✓	✓	
Gold	✓	✓	✓	✓

Trademarks & Technical Data

17 Trademarks

- USB-C® is a registered trademark of USB Implementers Forum
 - LEMO® is a registered trademark of Lemo SA
- All other trademarks are the property of their respective owners.
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18 Technical Data

Scanner:

Laser class 1 in accordance with IEC 60825-1 resp. EN 60825-1





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