



FC-120

Windows® Field Controller



Topcon's compact, rugged, handheld field controller

- BUILT-IN BLUETOOTH® WIRELESS TECHNOLOGY
- ULTRA-BRIGHT, TFT, COLOR TOUCH SCREEN DISPLAY
- WINDOWS® CE.NET 5.0 OPERATING SYSTEM
- COMPACT, RUGGED DESIGN
- EASY ACCESS COMPACT FLASH AND SD MEDIA CARD SLOTS DELIVER MEMORY EXPANSION AND CONNECTIVITY OPTIONS
- 520MHZ XSCALE PROCESSOR
- REMOVABLE, LONG-LASTING LI-ION BATTERIES
- 64MB SDRAM, 128/256MB ROM

Field Data Comes Alive

If you are looking for a rugged, compact field controller that provides big-time results, look no further than Topcon's FC-120. The FC-120 provides advanced software functions such as the large key pop-up keyboard for data entry and incorporates the graphical Windows® CE.NET 5.0



operating system on a crisp, bright, color touch screen display. Watch your field data come alive with Topcon's FC-120.

Expandability Made Easy

Topcon knows that expandability is important to professionals in the field. The FC-120 allows quick and easy access to SD and CF card slots for data transfer and exchange with other devices. No tools or extra process is needed to access these card slots. In addition, with Bluetooth® wireless technology built-in to the FC-120, the CF card slot remains open for expanded memory.



Removable Li-Ion Batteries

The FC-120 has an easy sliding lock mechanism to allow quick replacement of the compact, long-lasting Li-Ion battery.

Small on size, but not in performance, Topcon's FC-120 makes the perfect field controller for any job.

Technological Innovators

We know it isn't just about moving dirt or surveying. It's about time, work, energy, manpower, machinery, money, and the countless obstacles that you face everyday. It is our mission here at Topcon to make your job easier, faster, and more affordable—and we have a long history of doing just that. From survey to inspection, Topcon dealers throughout the world supply innovative technology to surveyors, civil engineers, contractors, equipment owners, and contractors, empowering them to improve their productivity, increase their profits, lower their operation costs, and strengthen jobsite safety.

Isn't it time to make building the world of tomorrow a little easier? Welcome to the world of simplicity, accuracy, and precision—welcome to Topcon.



ISO 9001:2000
FIG 0044

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Specifications subject to change without notice

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Specifications

	FC-120 128MB	FC-120 256MB
Microprocessor	XScale PXA 270	
Processor Speed	520MHz	
Operating System	Windows® CE.NET 5.0	
Memory		
SDRAM		64MB
ROM	128MB	256MB
Display		
Display Resolution	240 x 320 QVGA	
Type	3.5 in. TFT Color LCD	
Light	LED Back Light	
Touch Panel	Analog Resistive Film	
Keyboard	10 Keys (Power Key Included)	
Led	1 LED (charge)	
Interface		
Serial	RS-232C (D-sub 9 pin)	
USB	USB rev 1.1 (Type Mini-B)	
SD	Memory and IO supported	
Compact Flash	1 x Type I/II (Memory and IO)	
Bluetooth® Wireless Technology	Standard (Internal) Bluetooth Version 1.2	
Audio	Sealed Speaker (mono), Sealed Microphone	
Environmental		
Ruggedness	Yes	
Water/Dust Resistance	IP66*	
Operating Temperature	-4°F to +122°F (-20°C to +50°C)	
Storage Temperature	-22°F to +140°F (-30°C to +60°C)	
Shock Resistance	Dropping this instrument from a height of 3.28 ft. (1 meter) does not affect its functions**	
Operating Time***	Approx. 20 hours (typical use) Approx. 45 hours (with no display light, no touch)	
Charging Time	Approx. 6 hours (with AC-DC converter)	
Dimensions	7.17 in. x 4.06 in. x 2.32 in. (182mm x 103mm x 59mm)	
Weight	1.3 lbs (0.6kg) (with battery)	
Battery	BT-66Q (Lithium-ion)	
AC-DC Converter	AD-13	

* When caps are installed.

** Each of the instrument's six sides was dropped onto a concrete surface, and the instrument's operation was then confirmed. Only the exterior of the instrument was damaged.

*** Battery capacity will differ depending on whether Bluetooth is used or not, brightness of the backlight, room temperature and application software used. (When Bluetooth is used, battery capacity will lower approximately 30%).

Your local Authorized Topcon dealer is:

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