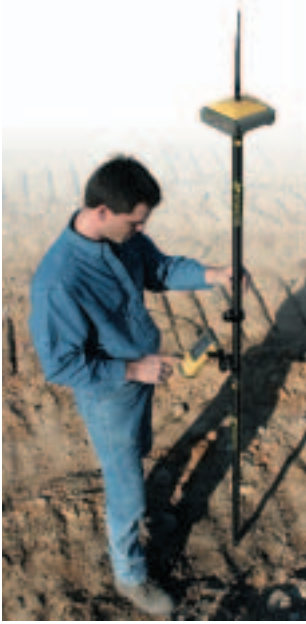




FC-100 / FC-2000

**DATA
COLLECTORS**

Topcon Field Computers; FC-100 and FC-2000



Compact, ultra bright, sealed and sturdy field computers. The demands of modern field data collection and control have changed dramatically over the past few years and the technology shows no signs of slowing down. The new Topcon field computers are designed to meet these high-technology demands, as well as the performance in tough outdoor circumstances.

The Topcon field computers have the Windows CE operating system build in, on a bright, colour touchscreen display that makes the field data clear to view and easy to access. The removable battery pack provides up to 20 hours of operation and with the optional Bluetooth wireless connectivity, Topcon field computers connect to modern wireless capable systems.

FC-100



- Full-colour 320x240 QVGA touchscreen portrait display
- High-speed 400MHz processor
- 128-MB internal memory
- 10 key keyboard with smart keyboard technology
- Li-Ion rechargeable 20 hour battery
- Windows CE.NET 4.2 operating system

FC-2000

- 56 alphanumeric keyboard
- Full-colour 320x240 QVGA touchscreen landscape display
- 400 MHz processor
- 128-MB internal memory
- Windows CE.NET 4.2 operating system
- Li-Ion rechargeable battery



Data

Data is easily accessible via one of the two card slots; Compact Flash- and SD Media-slots are built in. Besides data-transfer via data-cards, direct serial and USB or Bluetooth makes it possible to communicate with any other device.



Design

The design of all Topcon's field computers is based on extreme outdoor conditions. They can bear the toughest field situations, from hot-summer heat to freezing winters. Topcon field computers are completely sealed and therefore dust- and waterproof. The robust housing makes the field computer shockproof and keeps it working after a drop!

Size

Topcon's field computers are lightweight and small sized, which makes it a simple to mount, easy to handle and a quick to store away tool.

Windows CE

Windows CE operating systems include all Microsoft features as Microsoft Wordpad, Microsoft Explorer, Microsoft Media Player and Internet Explorer. Windows CE makes digital manuals directly accessible and job reports filled in on the spot. Taking the office in the field!



Internet

With the Topcon field computers direct access to Internet via Internet Explorer can be achieved by connecting to your cell phone. All desirable sites are just a click away! E-mail jobs from the field; no more data-transfer at the end of the day! Get the latest mutations, on-line information or direct access to the office-server on the spot! How flexible can you be!

Topcon Field Controller Software

Topcon TopSURV

One software package for all instruments, seamless data transfer between total station, GPS system and office.

Topcon's TopSURV field controller software brings the latest advancements to the field of modern data collection. Bright, clear graphics and a straight forward, intuitive user interface will allow the surveyor to accomplish field tasks faster and easier than ever before.

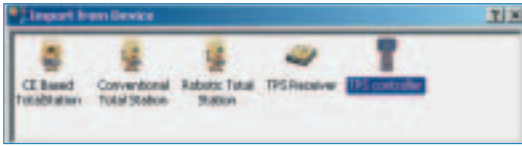


TopSURV is a modular integrated field controller package with total station data logging, Solo Survey total station control, and controller software for Topcon GPS systems. Additional Advanced Roads module, mmGPS module and GIS module for GPS data collection is available. The different modules can be used separately or combined providing a seamless integration between Topcon surveying systems.

Topcon Pocket 3D

Topcon's Pocket 3D is especially designed for contractors. Straightforward wizards make setting up simple, large coloured buttons explain the GPS systems' status and Pocket 3D talks direct to any Topcon 3D Machine Control system. Easy to use for quick data collection, checking cuts and fills on every spot and stakeout.

Topcon Office Software



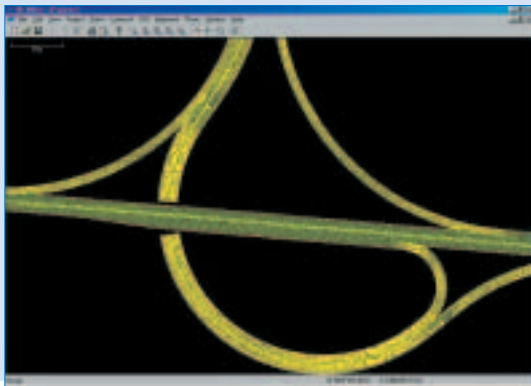
Topcon Link

Topcon Link, is a Windows based program that imports and exports files from an to any Topcon data collector, Topcon total station and Topcon GPS system to a PC. Topcon Link can view, edit and convert coordinate and raw data files and recognizes many standard formats.

Topcon Tools

Topcon Tools is a very powerful post-processing software package. It provides a full-featured environment for quick and easy processing and adjusting field observations created with any Topcon instrument.

Topcon Tools can post-process GPS base lines, process total station and GPS RTK observations, does network adjustments as well as importing and exporting files from PC and any Topcon data collector, Topcon total station and Topcon GPS system.



Topcon 3D Office

3D Office is Topcon's 3D Machine Control software in the contractors' office. It can create, edit, import/export, design and prepare files for any jobsite. 3D Office exports these files via a direct link to Pocket 3D via a data card to any Topcon 3D Machine Control systems.

On the other hand, files from the field gathered using Pocket 3D or any Topcon 3D Machine Control system could be imported for evaluation or modification.

Topcon 3D Office is part of the seamless file flow between surveyor, office and machine.

Perfect combination

The advanced features of Topcon data collectors are seen at their best when used with Topcon field controller software. Bright graphics and a straight forward, intuitive user interface allow the surveyor to accomplish field tasks faster and easier than ever before. Making it surveyors' and contractors' perfect combination!

SPECIFICATIONS

	FC-100	FC_2000
Microprocessor	Intel PXA255 X-scale	Intel PXA255 X-scale
Processor Speed	400 MHz	400 MHz
Operating System	WindowsCE.Net 4.2	WindowCE.Net 4.2
Memory	64 MB RAM	64 MB RAM
	ROM: 128MB (internal memory)	ROM:128MB (internal memory)
Data Card Ports	Compact Flash	Compact Flash
	SD Media Card	
Bluetooth Capable	Yes	Yes
Display	320x240 QVGA (colour portrait)	320x240 QVGA (colour landscape)
Color Sunlight Readable	3.5" TFT transfective type	3.5" TFT transfective type
Illumination	LED back light	LED back light
Key Board	10 key keyboard with smart keyboard technology incorporated in TopSURV	56 key alpha-numeric keyboard
Pen Touch Screen	Resistive Touch Screen	Resistive Touch Screen
	Passive Pen Digitization	Passive Pen Digitization
Interface	RS-232C serial (D-sub 9)	RS-232C serial (D-sub 9)
	USB (type B mini) Version 1.1	RS-232C serial (6 pin)
		USB (type B mini) Version 1.1
Audio	Sealed Speaker (mono)	Sealed Speaker (mono)
	Sealed Microphone	Sealed Microphone
Environmental	IP-66	IP-66
	(based on standard IEC 60529)	(based on standard IEC 60529)
Protection against shock	Designed to protect falling on hard surface from 1.0 meter above ground.	Designed to protect falling on hard surface from 1.0 meter above ground.
EMC	CE, FCC	CE, FCC
Operation Temperature	-20° C to +50° C	-20° C to +50° C
Storage Temperature	-30° C to +60° C	-30° C to +60° C
Batteries	Removable Li-Ion rechargeable system	Removable Li-Ion rechargeable system
	7.4V 2200mAh	7.4V 2200mAh
	(this battery does not contain mercury)	(this battery does not contain mercury)
Operating Time	20+ hours single battery (normal use)	20+ hours single battery (normal use)
	40+ hours with backlight off	40+ hours with backlight off
Charging Time	Approx. 3 hours with BC-30	Approx. 3 hours with BC-30
	Approx. 5 hours with AD-7C	Approx. 5 hours with AD-7C
Dimensions	182 mm x 102.8 mm x 58.3 mm	255 mm x 130 mm x 61 mm
Weight	Under 500 gram (including battery)	800 gram (including battery)

Specifications subject to change without notice.

Topcon International

More than 70 years of experience

For 70 years, Topcon has been a leading manufacturer in industrial, medical and positioning enhancement tools. This broad experience has created a basis for Topcon's wide product line for basically every positioning need, whether it's for construction or surveying applications. For the construction industry, Topcon offers a complete range of innovative laser and sonic solutions, including industry leading products for interior, utility, general construction and machine control applications. For surveying applications, Topcon manufacturers and supplies a complete range of optical measuring products, from digital and optical levels to theodolites and robotic total stations, and a full line of GPS+ satellite positioning solutions.

Product & Service support

To assure that your Topcon product maintains peak performance, your local Topcon dealer offers factory trained certified service technicians. And just in case service assistance isn't available in your area, our Europe wide network of Topcon offices, offer repair and return service policies second to none.

Innovation, not imitation

During the last decades, Topcon has brought many innovative solutions to the industry, that offer the contractor significant



productivity increase and greater ease of use. That's the key to leadership, and the reason Topcon is the world's leading supplier of laser and surveying instruments. Some examples of unique Topcon technologies:

- Green Beam visible construction laser
- Automatic excavator control system
- 5" grade laser with automatic alignment & remote control
- The world's first automatic 3D GPS+ & LPS control system for machines

A complete product range



THE TP-L4 SERIES PIPE
LASER WITH GREEN BEAM



A COMPLETE RANGE OF
AUTOMATIC MACHINE
CONTROL SOLUTIONS



SURVEY TOTAL STATIONS



GPS+ SURVEY SOLUTIONS



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Item number: 5710531
Language: English
Printed: 12-2004

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