

## Touch Finder

Item	Type Model	Model with DC power supply	
		FQ2-D30	
Number of connectable Sensor		Number of sensors that can be recognized (switched): 32 max. number of sensor that can displayed on monitor: 8 max.	
Main functions	Types of measurement displays		Last result display, Last NG display, trend monitor, histograms
	Types of display images		Through, frozen, zoom-in, and zoom-out images
	Data logging		Measurement results, measured images
	Menu language		English, German, French, Italian, Spanish, Traditional Chinese, Simplified Chinese, Korean, Japanese
Indications	LCD	Display device	3.5-inch TFT color LCD
		Pixels	320 × 240
		Display colors	16.7 million
	Backlight	Life expectancy *1	50,000 hours at 25°C
		Brightness adjustment	Provided
		Screen saver	Provided
Operation interface	Touch screen	Method	Resistance film
		Life expectancy *2	1,000,000 touch operations
External interface	Ethernet		100BASE-TX/10BASE-T
	SD card		SDHC-compliant, Class 4 or higher recommended
Ratings	Power supply voltage		DC power connection: 21.6 to 26.4 VDC (including ripple)
	Continuous operation on Battery *3		---
	Power consumption		DC power connection: 0.2 A max.
Environmental immunity	Ambient temperature range		Operating: 0 to 50°C Storage: -25 to 65°C (with no icing or condensation)
	Ambient humidity range		Operating and storage: 35% to 85% (with no condensation)
	Ambient atmosphere		No corrosive gas
	Vibration resistance (destruction)		10 to 150 Hz, single amplitude: 0.35 mm, X/Y/Z directions 8 min each, 10 times
	Shock resistance (destruction)		150 m/s <sup>2</sup> 3 times each in 6 direction (up, down, right, left, forward, and backward)
	Degree of protection		IEC 60529 IP20 (when SD card cover, connector cap, or harness is attached)
Weight		Approx. 270 g (without Battery and hand strap attached)	
Materials		Case: ABS	
Accessories included with Touch Finder		Touch Pen (FQ-XT), Instruction Manual	

\*1. This is a guideline for the time required for the brightness to diminish to half the initial brightness at room temperature and humidity. The life of the backlight is greatly affected by the ambient temperature and humidity and will be shorter at lower or higher temperatures.

\*2. This value is only a guideline. No guarantee is implied. The value will be affected by operating conditions.

\*3. This value is only a guideline. No guarantee is implied. The value will be affected by the operating environment and operating conditions.

## Battery Specifications

Item	Model	FQ-BAT1
Battery type	Secondary lithium ion battery	
Nominal capacity	1,800 mAh	
Rated voltage	3.7 V	
Ambient temperature range	Operating: 0 to 40°C Storage: -25 to 65°C (with no icing or condensation)	
Ambient humidity range	Operating and storage: 35% to 85% (with no condensation)	
Charging method	Charged in Touch Finder (FQ-D31). AC adapter (FQ-AC□) is required.	
Charging time (See note 1.)	2 h	
Battery backup life (See note 2.)	300 charging cycles	
Weight	50 g max.	

**Note:** 1. This value is only a guideline. No guarantee is implied. The value will be affected by operating conditions

2. This is a guideline for the time required for the capacity of the Battery to be reduced to 60% of the initial capacity. No guarantee is implied. The value will be affected by the operating environment and operating conditions.

## System Requirements for TouchFinder for PC

The following Personal Computer system is required to use the software.

OS	Microsoft Windows XP Home Edition/Professional SP2 or higher (See note 1.) Microsoft Windows 7 Home Premium or higher (See note 1.)
CPU	Core 2 Duo 1.06 GHz or the equivalent or higher
RAM	1GB min.
HDD	500 MB min. available space (See note 2.)
Monitor	1,024 × 768 dots min.

**Note:** 1. The Japanese and English versions support only 32-bit OS versions.

2. Available space is also required separately for data logging.