

### 15" Flat Panel Monitor - FP-3710T



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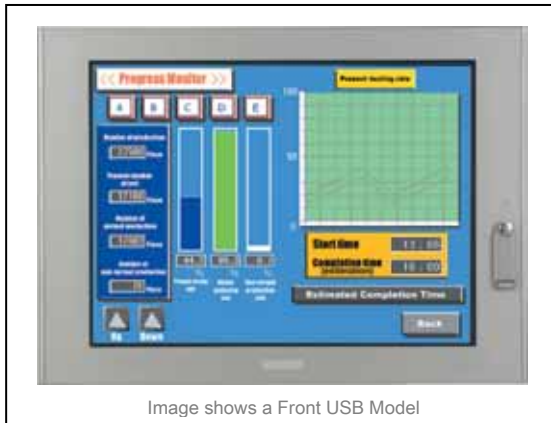


Image shows a Front USB Model

#### Features:

- XGA Display TFT
- 16 Million Display Colors
- Resistive Touch Panel
- Front USB Interface
- DVI Compatible
- VESA Mounting (75mm)
- Rugged Aluminium Body
- Equivalent to IP65f (JEM 1030)
- RoHS Directive-Conformance

Functional Specifications			
Type	AC Model		DC Model
	without Front USB I/F	with Front USB I/F	with Front USB I/F
Model	FP3710-T42	FP3710-T42-U	FP3710-T42-24V-U
Display Type	TFT Color LCD		
Display Size	15"		
Resolution	1,024 x 768 pixels (XGA)		
Effective Display Area	W304.1 x H228.1 mm [W11.97 x H8.98 in.]		
Display Colors	16,777,216 Colors		
Backlight	When Rev.5 is NOT marked: CCFL (Replaced by a user.) When Rev.5 is marked: LED backlight (Not replacable by a user.)		LED backlight (Not replacable by a user.)
Contrast Control	Available		
Touch Panel Interface	RS-232C or USB (USB2.0, Type-B)		
Interface	Video	DVI-D input connector: DVI-D 24 pin (socket) x 1*1 or Analog RGB input connector: mini D-Sub 15 pin (socket) x 1	
	USB (Type-A)	Conforms to USB2.0 (Type-A) x 1, Power Supply Voltage: DC 5 V ±5 %, Output Current: 500 mA or less, Communication Distance: 5 m or less	
*1: Only the DC model supports the DVI hot plug detect function.			

External Dimensions	Panel Cut-Out Dimension
<p>Drawing is a Front USB Model</p> <p>Top: 383 [15.08]                      Front: 395 [15.55]                      Side: 294 [11.57]                      Mounting hole offset: 60 [2.36]                      Mounting hole diameter: 5 [0.20]                      Mounting hole spacing: 282 [11.10]</p>	<p>Drawing is a Front USB Model</p> <p>Panel Cut dimensions:                      Width: 383.5<sup>+1.0</sup><sub>-0</sub> [15.10<sup>+0.04</sup><sub>-0</sub>]                      Height: 282.5<sup>+1.0</sup><sub>-0</sub> [11.12<sup>+0.04</sup><sub>-0</sub>]                      Corner radius: r ≤ 3 [0.12]</p>

General Specifications		
Model	without Front USB I/F	with Front USB I/F
Rated Input Voltage	AC 100 to 240 V	DC24 V
Input Voltage Limits	AC 85 to 264 V	DC19.8 to 28.8V
Rated frequency	50/60 Hz	-
Allowable Voltage Drop	1 cycle or less (Voltage drop interval must be 1 second or more.)	5 ms or less
Power Consumption	AC 100 V: 110 VA or less, AC 240 V: 168 VA or less	40W or less
Voltage Endurance	AC 1,500 V 20 mA for 1 min (between charging and FG terminals)	AC1,000V 20mA for 1 minute (between charging and FG terminals)
Insulation Resistance	DC 500 V, 10 MΩ or more (between charging and FG terminals)	
Surrounding Air Temperature	0 to 50 °C	
Ambient Humidity/ Storage Humidity	10 to 90 % RH (Wet bulb temperature: 39 °C or less - no condensation.)	
Atmosphere	Free of corrosive gases	
Vibration Resistance	IEC/EN61131-2 compliant, 5 to 9 Hz Single amplitude 3.5 mm [0.14 in.], 9 to 150 Hz Fixed acceleration: 9.8 m/s <sup>2</sup> , X, Y, Z directions for 10 cycles (100 min)	
Noise Immunity	Noise Voltage: 1,500 Vp-p, Pulse Duration: 1 μs, Rise Time: 1 ns (via noise simulator)	Noise Voltage: 1,000Vp-p Pulse Duration: 1μs Rise Time: 1ns
Electrostatic Discharge Immunity	Contact Discharge Method: 6 kV (IEC/EN61000-4-2 Level 3)	
Structure	Equivalent to IP65f (on the front panel when properly installed in an enclosure)*1	
Weight Approx.	7 kg [15.4 lb] or less (display unit only)	
External Dimensions	W395 x H294 x D60 mm [W15.55 x H11.57 x D2.36 in.]	
International Safety Standards	UL/c-UL (UL508, CSA C22.2 No.142), CE (EN55011 Class A, EN61000-6-2, EN60950-1), FCC, KC, GOST-R, RoHS	UL/c-UL (UL508, ANSI/ISA 12.12.01, CSA C22.2 No.142, CSA C22.2 No. 213), CE(EN61000-6-4, EN61000- 6-2), FCC, GOST-R, RoHS
*1: Meets IP65f testing requirements. Operation is not, however, guaranteed in every environment.		

Options	
Serial Interface Cable (5m)	Screen Protection Sheet (5 Sheets/ set)
USB Cable (5m) *1	Backlight (2/ set (For 1 unit) *4
Analog RGB Cable (4.5m)	Installation Gasket
DVI-D/RGB Branch Cable (5m)	Installation Fasteners *5
DVI-D Cable (5m/ 10m) *2	AC Power Supply Connector
DVI 10m cable for PS4000 series *3	DC Power Supply Connector
Unit Cover	

\*1: Compatible only with Windows® 2000 and Windows® XP.

\*2: Available only when connected using PL-3000B (Revision B or more). (You need to change the settings on PL-3000B side.)

\*3: Available only when connected using PS4000 Series and FP-3710T (DC Power Supply Model)

\*4: Only for the AC models which is NOT marked on Rev.5.

\*5: Included in the product package.

Pro-face's website

<http://www.pro-face.com/>