



# FOX METER, INC

INSTRUMENTATION FOR INDUSTRY

## FT300/500 Series

High performance panel instruments, uP-based electronics, easily modified for those special applications that involve communications, counting, timing, speed, display, or analog measurement

### Functional Choices

- **FT310 - Universal remote display:** ASCII RS232, RS422/485 (4-wire)
- **FT320 - Clock remote:** ASCII remote display with colons for use with F390 master clock
- **FT340 - Universal counter:** scaleable, bi-directional, quadrature, < 50 KHz pulsed or contact
- **FT350 - Rate meter / tachometer:** hour, minute, second and variable time base, fully scaleable rate
- **FT360 - Frequency meter:** 1 Hz to 10 MHz, decade shift menu selectable, precision gated counter
- **FT370 - Decade timers:** selectable time base from hours to .0001 seconds, 11 selectable modes
- **FT380 - HH:MM:SS timer:** like the FT370 there are 11 program selectable control modes
- **FT390 - Master clock:** 12 or 24 hour, date modes, accurate time keeping to 2099!
  
- **FT460 - Phase sequence meter:** 220VAC 3-phase input, monitors for missing or reversed phases
  
- **FT510 - DC process input:** volts, amps, or 4-20mA
- **FT530 - Strain gauge input:** 24VDC process or 10VDC strain gauge isolated excitation
- **FT540 - TRMS AC input:** volts or amps
- **FT550 - Integrating DC input:** 4-20mA input, scalable rate plus bi-directional totalizing function

### General Specifications

#### Base Meter:

- **Size** - fits 1/8 DIN cutouts
- **Display** - bright 8-digit alpha backlit LCD
- **Bezel** - black powder coated steel
- **Sealing** - NEMA 4X gasketing standard
- **Controls** - setup menu is accessed via switches located on rear of meter
- **Connections** - socketed screw terminal connectors

#### Outputs:

- **Serial ASCII** - RS232, RS422/485 (4-wire)
- **Relay** - 2 setpoints, 200V @ 1A relay outputs

#### Power Supplies:

- **120 VAC** - 50 / 60 Hz, 10 mA maximum
- **220 VAC** - 50 / 60 Hz, 5 mA maximum
- **6 to 15 VDC** - 20 mA maximum
- **6 to 15 VDC isolated** - 20 mA maximum
- **10 to 30 VDC** - 10 mA maximum
- **10 to 30 VDC isolated** - 10 mA maximum

#### Specials:

- **SP364** - 270Ω backlight resistor, all PCBs humiseal coated, AC volts scaled 230 @ 13.0VAC input, AC amps (1Ω shunt input) scaled 100 @ 0.9AAC input, phase sequence meter includes one relay output .....\$175

# FT300/500 Series

# 0.5" 8-Digit 1/8 DIN

Model numbers consist of a prefix letter, a family number, a function number, a power supply number, and a three digit I/O configuration number. Family number 3 indicates digital input functions, family number 5 indicates analog input functions, family number 4 reserved for special functions

## BASE METER OPTIONS



FT[31] - Universal remote display..... \$288	FT[46] - Phase sequence meter..... \$395
FT[32] - Clock remote..... \$288	
FT[34] - Universal counter..... \$366	FT[51] - DC process..... \$420
FT[35] - Rate meter / tachometer..... \$372	FT[53] - Strain gauge..... \$452
FT[36] - Frequency meter..... \$372	FT[54] - TRMS AC..... \$435
FT[37] - Decade timers..... \$330	FT[55] - Integrating DC..... \$440
FT[38] - HH:MM:SS timer..... \$330	
FT[39] - Master clock..... \$312	

## POWER SUPPLY OPTIONS



[1] - 120 VAC 50 / 60 Hz..... \$36	[8] - 10 VDC to 30 VDC isolated..... \$54
[3] - 240 VAC 50 / 60 Hz..... \$42	
[5] - 6 VDC to 15 VDC..... \$24	
[6] - 6 VDC to 15 VDC isolated..... \$42	
[7] - 10 VDC to 30 VDC..... \$36	

## INPUT / OUTPUT OPTIONS



[651] - RS232C serial ASCII data..... \$35
[653] - RS485 4-wire serial ASCII data..... \$48
[659] - No data inputs / no outputs..... \$0
[681] - RS232C serial w/ setpoints..... \$150
[683] - RS485 4-wire serial w/setpoints..... \$163
[689] - no data w/setpoints..... \$115

## FT300/500 Series Mechanical Specifications

