

INTRODUCTION

The Metravi FC-2700 Frequency Counter has intellectualised measurement by the usage of microprocessor technology.

It features reciprocal counter technology, high measurement accuracy, broad frequency measurement range (10Hz ~ 2400MHz), high sensitivity and selectable gate time.

The front circuit of this counter has low pass filter (LPF) and attenuator.

It is suitable for Scientific Research and Manufacture of Posts and Telecommunications, Communications, Radio and TV, College, Educational Institute and Factory.



FEATURES

- Uses reciprocal counter technology
- High measurement accuracy
- Broad frequency measurement range
- Fast measurement speed
- High sensitivity.
- Uses MCU technology for period, frequency measurement
- Intellectualised management
- High reliability and ascendant performance/ price ratio
- Uses LSI, CPLD to reduce component elements and reliability gets improves greatly
- MTBF≥10000h
- Neat appearance, small, light and portable

GENERAL SPECIFICATIONS

- Display: 8+2 bits LED
- Weight: <1.5kgs
- Dimensions: 230mm (W)×85mm(H)×240mm(D)
- Accessories: Test Cable, Power Cable, Spare Fuse, User Manual

TECHNICAL SPECIFICATIONS

Function	Specification
Frequency measurement	10Hz~2.4GHz
Period measurement	100ns~1s
Input Impedance	CHA 1MΩ ; CHB 50MΩ
Input Coupling Mode	AC
Waveforms Adaptibility	Sine, Triangle, Pulse
Input Voltage Dynamic Range	CHA 50mVrms~20Vp-p CHB 30mVrms~1Vp-p
CHA LPF	3dB bandwidth about 100kHz
CHA Attenuation	×1 or ×20
Period Measurement Error	±time base error ±trigger error ± LSD

*Technical Specifications & Appearance are subject to change without prior notice