WSP3389 CE

Features

.Apply high performance AVR CPU, LSI and
 CPLD device high reliability
.Single time interval and single pulse width measurement
.Automatic extreme calculate and mathematical
 statistics for frequency measurement,
 include mean, maximum, minimum, delta, absolute
 deviation, relative deviatio(PPM), stand deviation,
 Allan variance
.Average measurement function for the accuracy
 increasing of time interval, pulse width, phase, duty cycle
.Set time gate totalizing and manual operation totalizing
.Current value automatically stored, zero data loss
.Save up to 9 different measurement setups
.USB, RS232 and centronics printer interface
.QVGA display, appearance graceful,
 compact, and operation comfortable

WSP3389

Technical Data	WSP3389
Function	Measure frequency, time interval , period, frequency ratio, totalize, pulse width, duty cycle, phase
Measure frequency range	0.14mHz~150MHz(Channel A & Channel B)
Channel C	100MHz~500MHz (WSP3389 I) 100MHz~1.5GHz (WSP3389 II) 100MHz~2.5GHz (WSP3389 III) 100MHz~3GHz (WSP3389 IV) 100MHz~6GHz (WSP3389 V) 100MHz~9GHz (WSP3389 VI)
Input voltage	30mVrms ~ 1.5Vrms (100MHz below) 50mVrms ~ 1.5Vrms (100MHz ~ 1.5GHz) 30mVrms ~ 1Vrms (1.5GHz ~ 9GHz)
Period range	7ns ~ 7000s, 7ns resolution
Time interval range	20ns ~ 7000s, 7ns resolution
Phase range	$0 \sim 359°$
PW range	$\geqslant$20ns,(cycle$<$100s)
Duty cycle range	1 ~ 99%,(cycle$<$100s)
Measure accuracy	$\pm2\times 10^{-8}$ /Gate time (s)
Couple mode	Channel A, B: AC / DC Channel C: AC
Input impedance	1MΩ / 45pF or 50Ω
Totalize capacity	$0 \sim 1 \times 10^{12}$
Time base stability	10MHz, $\leqslant \pm 1 \times 10^{-8}$ /d
Power supply	110 ~ 127VAC$\pm$10%/220 ~ 240VAC$\pm$10%, 50Hz$\pm$2Hz/60Hz$\pm$2Hz
Dimensions (W$\times$H$\times$D)	265 $\times$ 104 $\times$ 375mm
Weight	3 kg