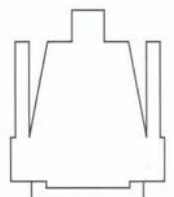


WENS 700 700S

All-in-One Handheld Instrument

Oscilloscope
Multimeter
Frequency Counter
Function Generator
Logic Analyzer
Automotive Analyzer



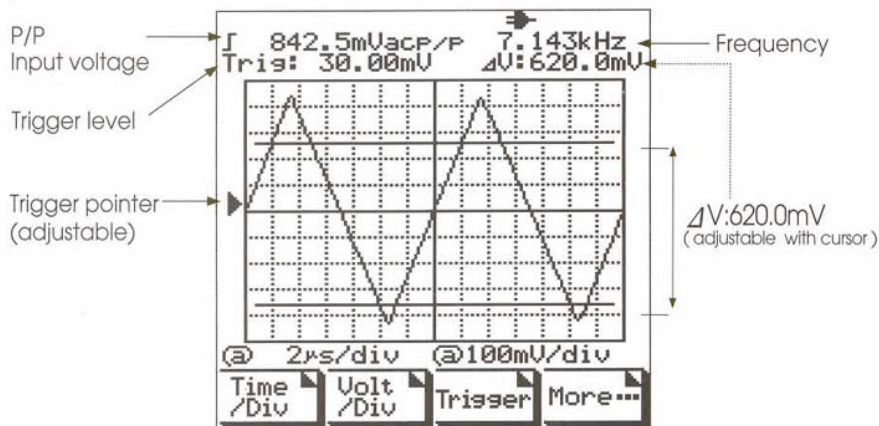
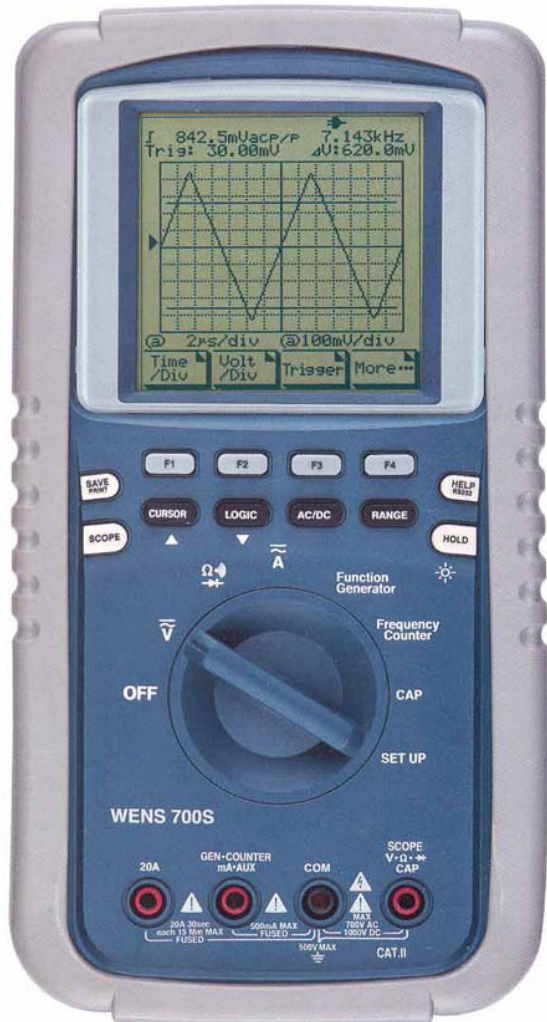
RS-232C
INTERFACE

WENS

LOADED FULL SCALE SPECIFICATIONS FUNCTIONS, FEATURES SIMPLE & EASY OPERATION

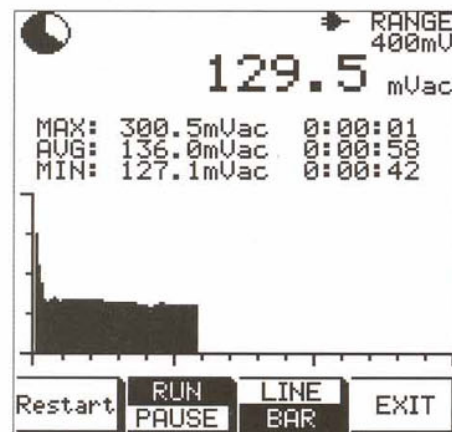
Digital Storage Oscilloscope

- READ OUT type
- Input Channel Ch 1
- Frequency Bandwidth DC to 5 MHz
- Sampling Rate 25MSPS
- Rising Time less than 15 ns
- Coupling AC, DC
- Input Impedance 1 Meg Ohm
- Input Protection 600V pp Max
- Vertical Sensitivity 10mV/div - 200V/div(14 div)
- Horizontal Sweep 125 ns - 2 s/div (23div)
- Trigger Auto, Normal
- Video A/D Converter
 - Resolution 8 bit
 - Single Shot 20 MS/s
- Data Length
 - Single Shot 256 points
- Cursor
 - type ΔV , ΔT , $\Delta T/1$
- Autosetting / Manual Setting
- Scope Probe (1:1)



@ 2us - Time/div autosetting, 2usec
 @100mV - Volt/div autosetting, 100mV
 ▲ INDICATES NEXT SUB MUNU COMING OUT.

MIN / MAX / AVG mode



00:00:01 - time stamping at Maximum.
 00:00:58 - sampling time stamping.
 00:00:42 - time stamping at Minimum.

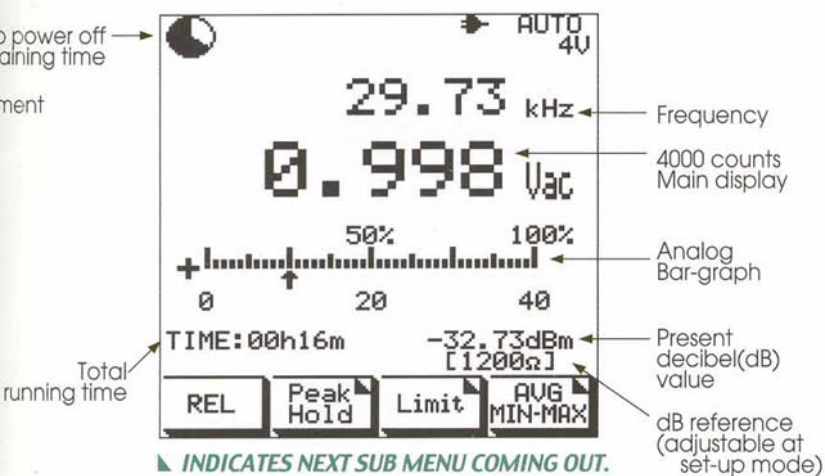
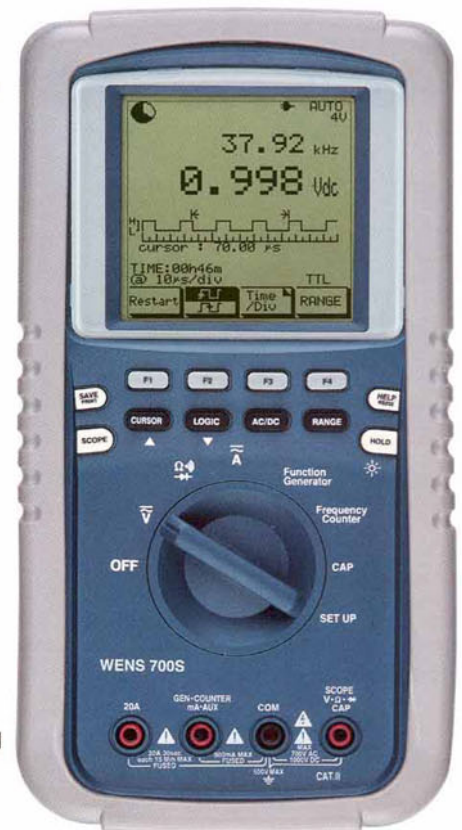
"ON" running

Multimeter



- **TRUE RMS**
Autoranging 4000 Count, 3 1/2 digit with Analogue Bargraph Display.
- **Range** Auto, Manual
- **DC Voltage** Range : 400 mV - 1000 V
Accuracy : 0.3 % + 10d
- **AC Voltage (TRUE RMS)** Range : 400 mV - 700 V
Accuracy : 0.75 % + 10d at 50 - 500 Hz
: 2.0 % + 10d at 500 - 30 KHz
- **DC Current** Range : 400 mA - 20A
Accuracy : 1.2% + 10d
- **AC Current (TRUE RMS)** Range : 400 mA - 20A
Accuracy : 1.2 % + 10d at 50-500 Hz
: 2.0 % + 10d at 500-30 KHz
- **Resistance** Range : 400 ohm - 40 Mohm
Accuracy : 400 ohm - 4 Mohm 0.5 % + 10d
: 40 Mohm 1.0 % + 10d
- **Diode Test** Accuracy : 2 %
- **Continuity** less than 60 Ohm, Buzzer Sound
- **Capacitance** Range : 40nF - 100uF
Accuracy : 2.0%
- **Frequency** Range : 1HZ - 5MHZ 0.1%
- **dBm (Adjustable)** Reference Value 2, 4, 8, 16, 50, 75, 93, 110, 125, 135, 150, 300, 600, 900, 1000, 1200
- **MIN/MAX/AVG** Records Minimum, Average and Maximum readings with Time Stamping
- **Temperature, %RH, HI -Current** through Set-up mode by external adapter.
- **Input Impedance** 10 Meg ohm

Logic Analyzer

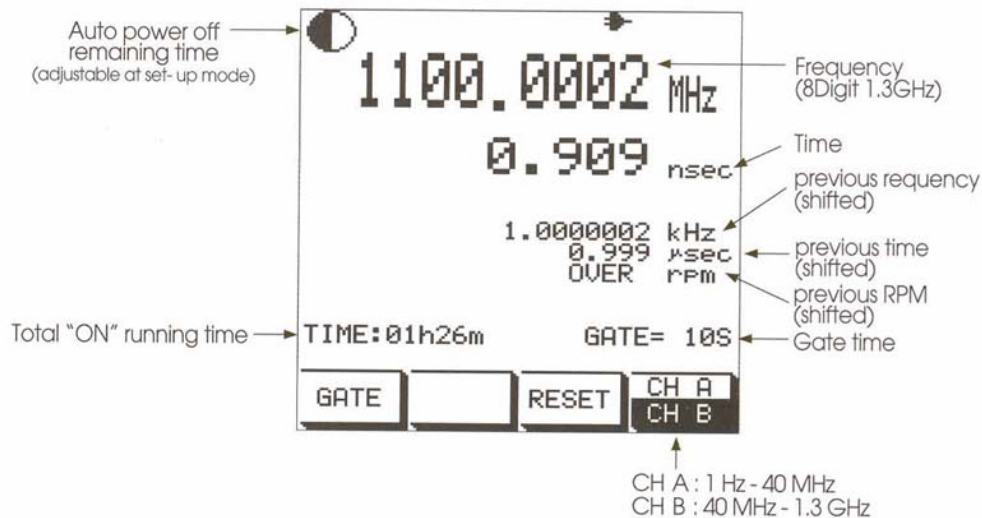


• 1 Channel

Frequency Counter



Simultaneous Multiple Measurement Display

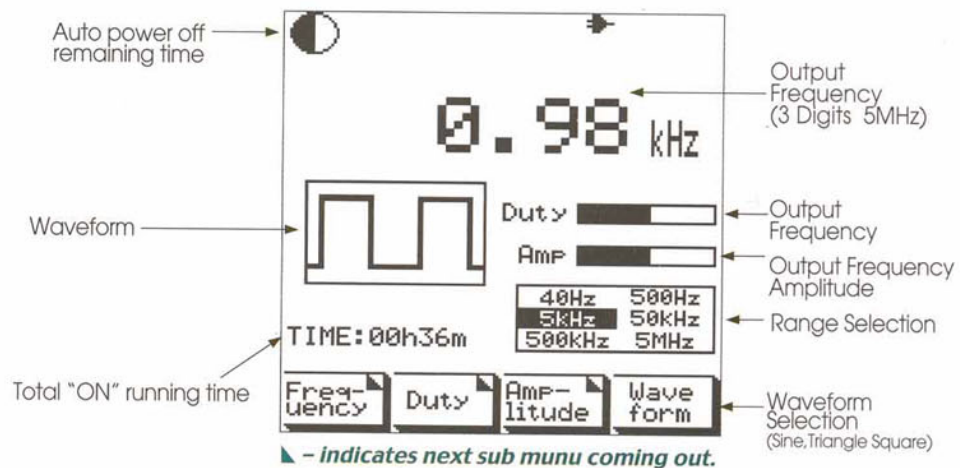


- Range 1 Hz - 1.3GHz
- Display 8 digits
- Period Measurement 5 Hz - 100MHz
- Internal Gate Time 0.1s, 1s, 10s
- Input Sensitivity 100 mv RMS
- Simultaneous display in one screen Frequency, Period, rpm

Function Generator



Simultaneous Multiple Measurement Display



- Output Triangle, Sine, Square wave
- Range 2Hz - 5 MHz 6 Range
- Display 3 digits
- Output Impedance 600 ohm 10%
- Amplitude 2V-10V p-p
- Duty Cycle Adjustment 25% - 75%
- Simultaneous display in one screen Frequency, Duty, Amplitude

Comparison

Model	WENS 700S	WENS 700
All Features	Same as listed	
Oscilloscope		
Multimeter		
Logic Analyzer		
Frequency Counter	Digital (1Hz-1.3GHz) Multiple Measurements	4 Digit(0.5Hz-45MHz : 0.1% Accuracy)
Function Generator	3 Digit(5MHz max) Sine, Square, Triangle wave Multiple Measurements	78 KHz Max (Fine Adjustable) Square wave only
Automotive Analyzer	None	RPM(0-12,000) 1/2/4/5/6/8/12 Cylinders Duty %, Dwell degree ms/Pulsewidth

700S

700



RS 232 computer interface
and Thermal Printer Socket

AC Adapter jack

Logic Analyzer

Software keys
(F1, F2, F3, F4)

SAVE(storage)
PRINT

Scope/multimeter
selection mode

Cursor (▲▼)

HELP

Function Generator

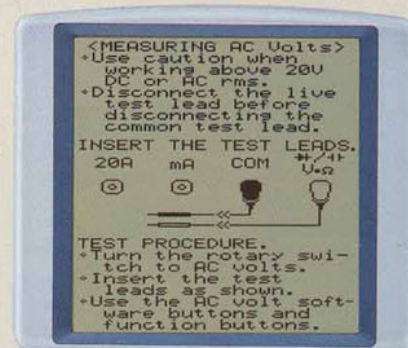
Frequency Counter

Capacitance

Set up

printer Boud Rate
Parity dBm reference
Beeper Sleep mode
Manual Back Light
Self-Test Temp °C/°F,
RH %, Psi High Current

For user's Convenience and Safety
Display on screen
"Basic Meter Functions" & "Manual"
"Test procedure"



ADP



Temperature



Set-up



User Manual(Set up)

General

- **Display**
160 × 160 pixel High Density Graphic LCD (View Area 63 × 63mm (2 1/2" × 2 1/2"))
EL Backlight LCD (15 sec, 30 sec, 60sec, Off. adjustable at SET UP mode)
- **Auto Power Off**
Adjustable at SET UP mode (enable / disable)
- **Overrange Indication**
"OVER" displayed
- **Power**
Six size AA Alkaline Battery (6 × 1.5V) or Six size A Ni-Cd Battery (6 × 1.2V) or
Two Ni-Cd Pack (3 × 1.2V with 2 packs) or AC/DC Adapter / Charger.
Operation Time : Alkaline - 6 hours approx
 Ni-Cd - 6 hours approx
Charging Time of : 10 hours approx
Ni-Cd Battery Pack (Charging while using with AC Adapter or while not in using)
- **6KV Surge Protected**
- **RS 232 Computer Interface**
Baud Rate : 9600bps, 4800bps, 2400bps, 1200bps
Data bit : 8 bit
Stop bit : 1 bit
Parity : None
- **Dimensions / Weight**
107(W) × 220(L) × 55(d) mm (4.2" × 8.3" × 2.2")
800g(1.77lbs), Net Meter Only
- **Standard Accessories**
Instrument
Test Lead with Alligator Clip
Operator's manual
Holster case
AC Adapter & Ni-CD Battery Charger
- **Optional Accessories**
Ni - Cd Battery Pack
Hi-Current Adapter
Humidity Adapter
Thermal printer
Automotive Inductive pick-up
Scope Probe (bnc 1:1)
Counter/Generator Probe
Carrying Bag



Operation

- **Control**
Rotary knob
Software Function Key : 12 Keys
- **Storage**
15 Screens either Text or Graph
- **Printer**
Direct print through programmed Thermal printer
- **SET UP**
printer Boud Rate
Parity dBm reference
Beeper Sleep mode
Manual Back Light
Self-Test Temp °C/°F,
RH %, Psi High Current
- **Cursor**
4 direction (Left, Right, Upper, Down)
- **HELP**
Played test procedure warning, Input Hole
- **Manual**
Displayed detailed Operator Manual In SET-UP Mode

Patented



a ISO 9001 Certified Company

Look,
Feel and Touch
WENS Professionalism

Innovations
Safety, Reliability

Designed and built
the latest state-of-art
Electronic Technology

WENS
the name
assigned for
Professional
Instruments

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