



Frequency Standard Comparator

OFSC1300 Series

- With dual channel frequency difference measuring technique.
- Up to 8 measurement channels.
- Adjustable sampling time: 1 s to 108 s.
- Graphical interface, auto and real-time measurement of Allan Deviation.
- Measurements of daily fluctuation, booting characteristic, aging rate, accuracy, drift, frequency deviation, and difference of daily accuracy; by Cesium, Hydrogen, and Rubidium atomic clock.
- USB and LAN interface.

Model		OFSC1301	OFSC1304
Measuring Channel		1	4
Frequency		5 MHz, 10 MHz	
Input Amplitude		3 dBm ~ 13 dBm, input impedance: 50 Ω	
Max. Frequency Deviation		1×10^{-8}	
Comparison Uncertainty		$5 \times 10^{-13} / s$	
		$5 \times 10^{-14} / 10 s$	
		$5 \times 10^{-15} / 100 s$	
		$1 \times 10^{-15} / 1000 s$	
		$5 \times 10^{-16} / 10000 s$	
Measuring Function		Allan standard deviation, accuracy, booting characteristic, aging rate, repeatability	
Built-in Frequency Counter		13 digits / s	
Port		USB: USB-type mouse, keyboard and USB disk LAN: remote control	
General Characteristics	Voltage	220 (1 ± 10%)V	
	Frequency	50 (1 ± 5%)Hz	
	Power Consumption	65 VA max.	
	Working Temperature	10 ~ 30 °C	
	Weight	10.5 kg	
Dimension		365 mm × 154 mm × 467 mm	

Accessories:

OFSC1300-A1	Power Cord
OFSC1300-A2	BNC Testing Cable (x5)
OFSC1300-A3	CD (Software+ User Guide)
OFSC1300-A4	Network Cable
OFSC1300-A5	Connector TNC/BNC-JK (x5)