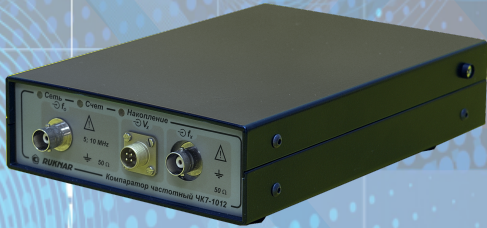


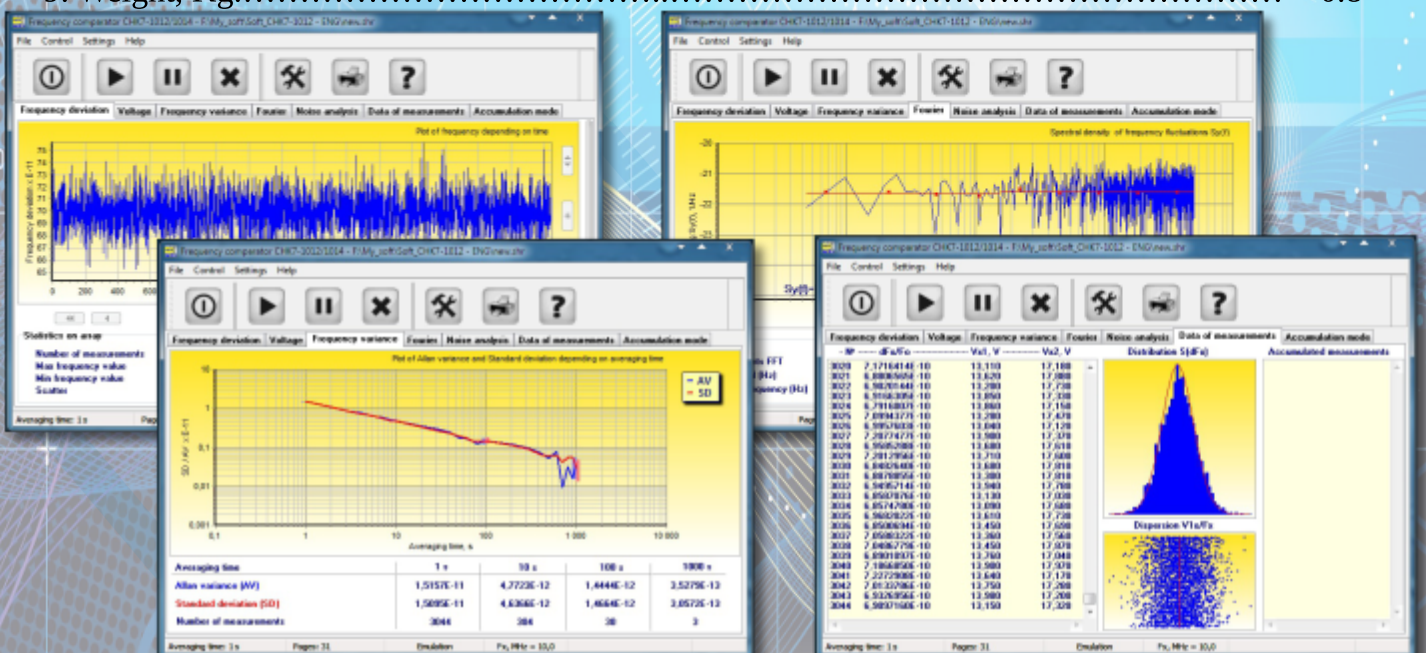
Frequency comparator CHK7-1012



CHK7-1012 is intended for use as a simple and precise instrument for measurements of the relative frequency difference of precision crystal oscillators and rubidium frequency standards, calculation of metrological characteristics (Allan variance, RMS, drift etc.) with the mapping process and the measurement results on the external PC or Tablet PC. Software included. It can be equipped with a laptop or Tablet PC.

Specification

1. The nominal value of the reference signal frequency, MHz..... 5, 10
2. The nominal value of the test signal frequency, MHz.....1; 2.048; 5; 10; 10.24
3. The maximum deviation of the frequency of the input signals from the nominal value, Hz, at range..... ± 1
4. Input signals amplitude at a load of 50 Ω , Vrms, at range..... от 0.4 to 1.2
5. RMS error in determining the relative frequency deviation for the averaging time
 - 1 s..... $< 1 \cdot 10^{-12}$
 - 10 s..... $< 5 \cdot 10^{-13}$
 - 100 s..... $< 1 \cdot 10^{-13}$
 - 3600 s..... $< 5 \cdot 10^{-14}$
6. AC / DC power supply voltage, V..... 198 to 242 / 22 to 30
7. Input power, W..... < 20
8. Dimensions (depth×width×height), mm..... 215×130×45
9. Weight, Kg..... < 0.8



made in RUSSIA