Table of Contents

UNI-T 890C+

Datasheet values - compared to Fluke 87V isn't that bad

Basic functions	Range	Basic accuracy
DC voltage V	600.0mV	(0.5% + 4)
DC voltage V	6.000V / 60.00V / 600.0V	(0.5% + 2)
DC voltage V	1000V	(0.7% + 10)
AC voltage V	6.000V / 60.00V / 600.0V	(0.8% + 3)
AC voltage V	750V	(1.0% + 10)
AC current A	6.000mA / 60.00mA	(1.0% + 12)
AC current A	600.0mA	(2.0% + 3)
AC current A	20.00A	(3.0% + 5)
DC current A	60.00A / 6.000mA / 60.00mA	(0.8% + 8)
DC current A	600.0mA	(1.2% + 5)
DC current A	20.00A	(2.0% + 5)
Resistance	600.0	(0.8% + 5)
Resistance	6.000k / 60.00k / 600.0k / 6.000M	(0.8% + 3)
Resistance	60.00M	(1.0% + 25)
Temperature ℃	-400 ℃ ~ 1000 ℃	(1.0% + 3)
Temperature ℉	-40 ℉ ~ 1832 ℉	(1.5% + 5)
Capacitance F	6.000nF	(5.0% + 35)
Capacitance F	60.00nF ~ 600.0μF	(2.5% + 20)
Capacitance F	6000μF	(5.0% + 10)
Frequency Hz	9.999Hz ~ 9.999MHz	(0.1% + 5)

Keweisi KWS-V20

Real comparison

	Basic accuracy
4.2V-20V	1%
150mA-3A	3%

Capacity approx 20% down from measuring (losses)