

CONDUCTIVITY/RESISTIVITY STANDARDS CALBRATION REFERENCE TABLE

Prior to checking the calibration, the Automatic Temperature Compensation (ATC) should be switched off and the Manual Temperature should be set to 25.0 °C. This should be done every time after the range selection is made.

Range	Standard to be used	Expected Reading
CONDUCTIVITY		
0-2 μS , K = 0.01	ECCONSTD01	1.000 +/- 0.01 μS
0-20 μS , K = 0.01	ECCONSTD02	10.00 +/- 0.1 μS
0-20 μS , K = 0.1	ECCONSTD01	10.00 +/- 0.1 μS
0-200 μS , K = 0.1	ECCONSTD02	100.0 +/- 1.0 μS
0-200 μS , K = 1.0	ECCONSTD01	100.0 +/- 1.0 μS
0-2000 μS , K = 1.0	ECCONSTD02	1000 +/- 10 μS
0-2000 μS , K = 1.0	ECCONSTD04	1502 +/- 10 μS
0-5000 μS , K = 1.0	ECCONSTD03	2505 +/- 25 μS
RESISTIVITY		
0-2 $\text{M}\Omega$, K = 0.1	ECRESSTD01	1.000 +/- 0.02 $\text{M}\Omega$
0-2 $\text{M}\Omega$, K = 0.1	ECRESSTD02	1.820 +/- 0.02 $\text{M}\Omega$
0-20 $\text{M}\Omega$, K = 0.01	ECRESSTD01	10.00 +/- 0.2 $\text{M}\Omega$
0-20 $\text{M}\Omega$, K = 0.01	ECRESSTD02	18.20 +/- 0.2 $\text{M}\Omega$