

# SRD1000 and CMN1000 sensors for precision thermometry below 8 K

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The SRD1000 superconductive reference device supports precision thermometry along the PLTS-2000 and ITS-90 by offering up to 13 calibrated reference points between about 15 mK and 8 K. A CMN1000 magnetic susceptibility thermometer supports continuous thermometry alongside the SRD1000 in the range from < 10 mK to 2 K. We report on recent developments to improve the quality of the SRD1000 reference points, and of the sensitivity, reproducibility and response time of the CMN1000 thermometer.

Section: DV - Devices

Keywords: thermometry, superconductive fixed point, temperature scale