

Precision DC Calibrator 2553A Application

Calibration of the convertors of the environment measurement instruments

Recently, the interest for the environment measurement is increasing because the global environment has changed. For water quality measurement, it is increasing to analyze and monitor the dissolved oxygen concentration and water pollution in the ocean, river, and lake. The specified sensors measure this value as voltage, and input it into convertors. For example, pH sensors output approx. 60 mV per 1 pH. Because the 2553A can generate accurate voltage, it supports not only calibration but also development and delivery inspection which require higher accuracy.



2553A

Module type 2 wire
Analyzer FLXA21



Features

- Intuitive operation by dedicated dials for each digit
- High accuracy, high stability, and low noise
- Various temperature calibrations are supported (Thermocouple, RTD, and User defined)
- Small body and light weight

2553A had dedicated dials for each digit. It is possible to calibrate the convertors while changing the output value instinctively. The strong click from the dial enables easy and precise adjustment of output value without actually looking at the front panel of 2553A.