

DOBLE PROTECTION TESTING

# F6080

Field Calibrator

FOR CALIBRATION OF  
DOBLE POWER SYSTEM  
SIMULATORS IN THE  
FIELD OR OFFICE

The Doble F6080 Field Calibrator is the most effective way to keep your Doble Power System Simulator properly calibrated. Verify the calibration of your current and voltage sources without needing to send your equipment to a calibration laboratory or Doble service center. The Doble F6080 contains everything you need to calibrate your protection testing equipment in the field or office, saving you time and money by improving the productivity of your testing crews.



## FEATURES

- Simple calibration procedure with step-by-step instructions
- Automatically recalibrate voltage and current sources for all ranges
- Check and calibrate logic inputs and outputs
- Contains high accuracy shunts and crystals needed for source calibration
- Generate a calibration report for your records

## BENEFITS

- Ensure accuracy of testing by regularly checking calibration
- Save time and money by keeping your Power System Simulators in the field
- Each F6080 is supplied with calibration certificate from Doble, valid for one year
- Recertify your F6080 each year with Doble

## DOBLE F6080 TECHNICAL SPECIFICATIONS

GENERAL SPECIFICATIONS	
Dimensions	14.2 x 11.4 x 6.5 in /36.1 x 29.0 x 16.5 cm
Weight	8.52 lb /3.87 kg
Power Supply	100–240 V, 50/60 Hz
Interfaces	RS 232 control to computer
Operating Temperature	20°C to 30°C/ 68°F to 86°F
Storage Temperature	-25°C to 70°C/ -13°F to 158°F
Humidity	Up to 95% relative humidity, non-condensing
Warmup Time	30 minutes
Voltage/Current Measurement Accuracy	± 0.02%
Frequency Measurement Accuracy	± 0.2 ppm
Logic Input Timer Pulse Accuracy	± 1 ppm of setting ± 10 μ sec

*Please note: Contact Doble for further details if you are planning to use the F6080 for calibration of test equipment used in nuclear facilities. Additional calibration may be required.*



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Specifications are subject to change without notice.  
Doble is ISO certified.  
Doble is an ESCO Technologies Company.  
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