CoCo-80X and CoCo-90X Calibration

The CoCo loads factory calibration data during start up, eliminating the need for daily calibration checks. Although the CoCo does not require daily field calibration, CI recommends an annual calibration and performance verification by local CI service centers.

In order to perform calibration, you will need an accurate multimeter that is capable of measuring DC and AC up to 1kHz.

To execute the System Calibration, first press the **Setup** hard button, then select **System Calibration**.



To perform manual calibration, select **Input and output calibration and adjustment** and press **Next**.



The CoCo will now display some information regarding the calibration process. Press **Next** to begin.



Connect the CoCo output to the multimeter. The CoCo will then give instructions on how to perform the calibration. The operator will need to enter the multimeter readings into the CoCo.



Keep following the on-screen instructions. Both AC and DC measurements will be taken. After all measurements have been entered, the CoCo will validate the input channels. After this a window will

appear to insert calibration details such as the operator and calibration date.

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	Additional Info Operator: Calibration Date: Meter manufacturer: Meter Model: Meter Series: Adjustment Date: Meter Cal. date: Meter Due date:	27 May-17-2024 10:25:38 FLUKE 8845A 3578018 May-17-2024 10:25:38 May-17-2024 10:25:38	 10:27 10:27 		
	Meter Due date: Traceability cert. no.: Ambient Temperature: Relative Humidity: Report no.: Description:	May-17-2025 10:25:38	Next		
		F3 F4 F5	F6	Ľ	

Finally, the CoCo will show the calibration report and what the results were after calibration. If there

are any Failed results, the calibration process will need to be repeated until they all PASS.

🖳 Remote Display Х COCO-80X CRYSTA Calibration->Results aft... 10:27 Ch. Range(V) Offset(V) Gain(%) Result Output.1 0.10000 0.00000 100% Failed Output.1 10.00000 0.30000 100% CH.1 20.00000 1.0 100% CH.1 0.20000 1.0 100% CH.2 20.00000 1.0 100% CH.2 0.20000 1.0 100% CH.3 20.00000 1.0 100% CH.3 0.20000 1.0 100% CH.4 20.00000 1.0 100% CH.4 0.20000 1.0 100% CH.5 20.00000 1.0 100% CH.5 0.20000 1.0 100% CH.6 20.00000 1.0 100% CH.6 0.20000 1.0 100% **CH.7** 20.00000 1.0 100% **CH.7** 0.20000 1.0 100% **CH.8** 20.00000 1.0 100% CH.8 0.20000 1.0 100% Quit Apply F1 F2 F6 F5

Once all entries have passed, press Apply on the report screen to apply the adjustments. The

calibration process is now complete.

NOTE: If a copy of the calibration report is needed, the Front-End Calibration Tool (FECT) will need to be purchased in order to obtain this report.

From: https://help.go-ci.com/ - **Crystal Instruments Help**

Permanent link: https://help.go-ci.com/coco:calibrate

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