

E-DWT/E-DWT-H Power Supply Replacement Kit Instruction Sheet

The Power Supply Replacement kit (PN 3622351) includes:

DESCRIPTION	QTY	PART NO.
12 V power supply (MFG P/N AB-120A125-CP6-151179)	1	5192630
E-DWT to RPM4, power cable	1	3335955
ADAPTER PN Jack 21-25	1	4808053

Introduction

This kit is intended to provide a new power supply and cable for the E-DWT and E-DWT-H Testers (the Product). It replaces MFG P/N TR9CE3350CCP-Y with correct power supply MFG P/N WR9QE3000CPN5R6B2962. The figures show the E-DWT-H model.

Procedure

1. Vent the unit and disconnect the power cable.
2. Remove all external cables and plumbing connected to the unit.
3. Plug test port, close reservoir vent, and make sure reservoir cap is tightened (see Figure 1).

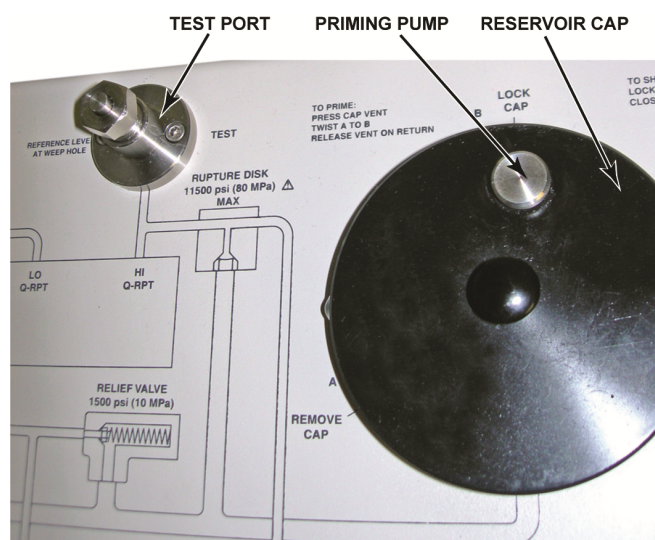


Figure 1. Top view

4. Remove one of the four variable volume handles to allow the E-DWT to be placed on its side (see Figure 2)

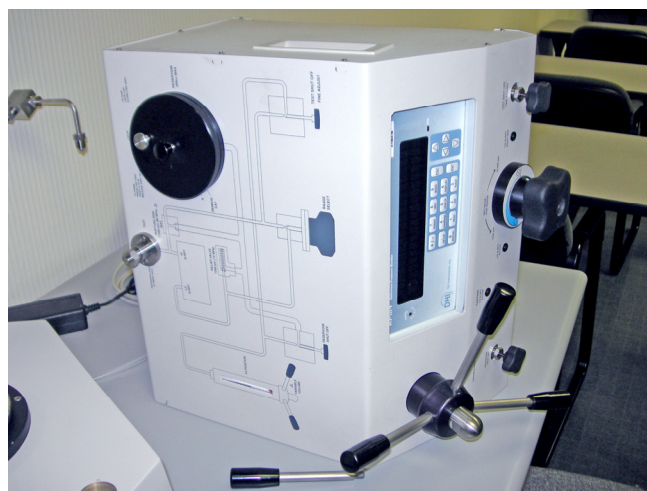


Figure 2: The Product on its side with one handle removed

5. Locate the 12V power supply connection on the rear housing of the Product. This connection and the internal cable will be replaced (see Figure 3).

POWER SUPPLY CONNECTION



Figure 3: Rear view detail: power supply connection

6. Loosen the hex nut using a 3/8-inch socket. If recessed area is too small to allow the socket to fit, use needle nose pliers.
7. Locate the internal 12V cable that connects to the RPM4 (see Figure 4).

12V GREY POWER CABLE



Figure 4: Internal view detail: 12V grey power cable

8. Loosen the knurled nut and disconnect the cable from the RPM4 (see Figure 5).

KNURLED NUT



Figure 5: Internal view detail: knurled nut to RPM4

9. Install the new cable.
10. Connect the new cable (knurled nut end) to the RPM4 (see Figure 5). Secure it by manually tightening finger tight.
11. Remove the hex nut and washer from the heat-shrunk connector (see Figure 4), insert the connector through the housing, and secure the connector to the outside of the housing using the washer and hex nut that was just removed. The washer should be installed on the outside of the housing directly under the nut. Fluke recommends you use a low strength thread locker on the nut to help ensure it does not come loose.
12. Reposition the Product on the table in its normal upright position.
13. Replace the variable volume handle that was removed (see Figure 2).
14. Connect Adapter to end of power supply cable.
15. Connect new power supply and open vent on reservoir for normal operation (see Figure 1).
16. Test functionality to ensure there are no problems with the cable installation or power supply.
17. Dispose of old cable and old power supply.