

# Powder Measure Ground Cord Kit

– For Dillon Powder Measures

- ✓ Grounds Powder Measure to Reduce Static & ESD.
- ✓ Plugs into any 3-Pin Grounded Outlet. \*
- ✓ 8ft Length Reaches Most Electrical Outlets.

**Includes:** 1 Powder Measure Ground Cord  
2 Powder Measure Harnesses

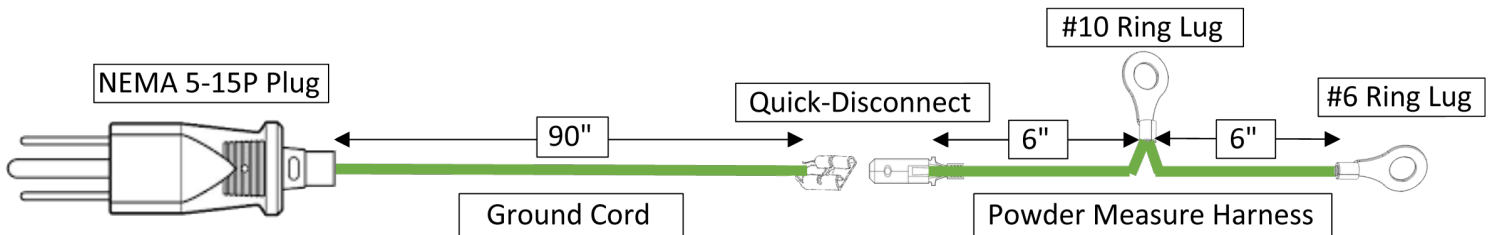
## Specifications:

Plug Type: NEMA 5-15P  
Wire Type: 20 AWG Stranded Copper  
Length: 8ft (2.4m)  
Safety Surge Resistor: 100kΩ, 0.5-Watt Resistor  
Ring Terminal Connectors: #10 for Clamp Bracket Screw  
#6 for Powder Measure Tube Screw

\* For use in the United States and Canada only.

## Item #: T1760-01

This cord grounds your Dillon Powder Measure to bleed off static charge and prevent ESD (Electrostatic Discharge). A Quick-Disconnect, located 6" from the powder measure, makes toolhead changes possible without detaching the ground cord connections from the powder measure.



Two Powder Measure Harnesses are Included. Additional Powder Measure Harnesses are available so that every powder measure you own can have its own dedicated ground harness.

## Installation:

Note: Refer to the User Manual for your press to identify the Dillon part numbers referenced below.

So as not to interfere with powder measure cycling, the Powder Measure Harness must be attached on the opposite side of the Powder Measure from the Bellcrank. (see photo)

- 1) Remove the Powder Measure Tube Screw (#14202). Insert the screw through the smaller of the two Ring Terminal Connectors and then reinstall the screw but do not tighten.
- 2) Remove the Clamp/Bracket Screw (#14037). Insert the screw through the larger of the two Ring Terminal Connectors and then reinstall the screw but do not tighten.

**IMPORTANT:** The Ring Terminal Connector must be placed under the head of the screw and NOT between the Body Collar Clamp (#13939) and Body Collar (#13940). Placing between the Body Collar Clamp and Body Collar will prevent secure clamping of the Powder Measure onto the Powder Die. If you have replaced the Body Collar Clamp with a Quick-Disconnect device, install the Ring Terminal Connector between the Locknut and Body Collar.

- 3) Position the two Ring Terminal Connectors such that the wire between them forms a smooth loop that will flex easily, not kink during Powder Measure cycling, and not interfere with any other press accessories you may have installed. Then tighten both screws.

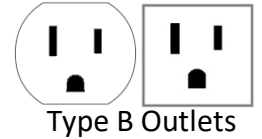
Route the Ground Cord where it will be out of the way and not interfere with any press functions. Also make sure the Quick-Disconnect is located for easy access during toolhead changes.

NOTE: The Quick-Disconnect may be a bit difficult to disconnect/connect the first few times it is used.

- 4) Plug into a wall outlet.



Plug only into a 3-pin grounded outlet (Type B). Do NOT use with any type of grounding adapter in an ungrounded (2-pin) outlet.



It is highly recommended that the Ground Cord be plugged directly into a wall outlet and not a power strip or extension cord. You want the best and most direct path to ground possible.

The wall outlet should be tested with an Outlet Tester\* to confirm that it is wired correctly and that there is an effective ground. Without a proper ground, this cable will do nothing.

If plugged into a GFI protected circuit, make sure that the outlet does not have an "Open Ground". Again, checking the wall outlet with an Outlet Tester\* is recommended.

\* An Outlet Tester is not included but is available at most hardware and home improvement stores. The model shown in the photo at right also has a GFI Test button.



Although the plug has three prongs, only the Ground (round pin) is connected to the wire. The Hot and Neutral (flat blades) are not connected to anything but help hold the plug securely in the outlet. The interior of the plug body is backfilled with an insulating potting compound.

A 100k $\Omega$  resistor, installed inside the plug body, protects from any shock if the ground accidentally becomes electrified (e.g. from a lightning strike or a short between Hot and Ground). It also prevents the possibility of a spark when reconnecting the ground cord during toolhead changes.

NOTE: Due to the Safety Surge Resistor, this cable will fail a "continuity test".

The Quick-Disconnect may be a bit difficult to disconnect/connect the first few times it is used. Hold it by the connectors only and do not pull on the wires as this could damage the Quick-Disconnect.

Bleeding off the static charge on the Powder Measure Tube (#13691) is a slow process as the plastic tube is itself nonconductive. You can assist the grounding process by spraying the Powder Measure Tube with a static eliminating spray such as Static Guard<sup>®</sup>. It will need to be reapplied periodically to maintain the effectiveness of the coating.

Disclaimer: UniqueTek, Inc. is not liable for damages or personal injury that may be incurred as a result of using this product in an improper way or in a reloading press that has been improperly maintained or operated. It is your responsibility to ensure that your reloading equipment is properly assembled, is maintained in proper working condition, and is used according to the manufacturer's instructions and safe reloading practices.

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