

Model 7002-RMK-1 Fixed Rack Mount Kit

The Model 7002-RMK-1 is a fixed rack mount kit for the Model 7002. With this kit, the Model 7002 can be installed in either a 19" wide universal or Western Electric rack.

The rack kit consists of the items listed in the following table:

Table 1.
Parts List

Item	Description	Keithley Part No.	Qty.
A	Dress Panel	7002-327	2
B	Fastener, captive nut (#10-32)	FA-148	4
C	Handle	HH-30-1	2
D	Screw; #8-32 × 3/8" Phil. Flat Head (handle to dress panel)	—	4
E	Screw; #10-32 × 1/2" Phil. Flat Head (dress panel to case)	—	4
F	Screw; #6-32 × 1/4" Phil. Pan Head (bottom cover to case)	—	4
G	Screw; #10-32 × 5/8" Phil. Truss Head (dress panel to rack)	—	4

RACK PREPARATION consists of installing the four captive nut fasteners (Item B) onto the front rack flanges. These fasteners along with the four supplied Truss head screws (Item G) secure the instrument assembly to the rack.

1. Select the desired location in the rack and place one of the dress panels (Item A) against the front flange as shown in Figure 1. The two slotted holes in the dress panel dictate where the fasteners are to be installed on the rack flange. Place the dress panel on the other front rack flange to locate the other two mounting holes.
2. Using Figure 2 as a guide, install the four fasteners (Item B) onto the front rack flanges.

CHASSIS ASSEMBLY PREPARATION consists of mounting the handles (Item C) and dress panels to the instrument. Refer to Figure 3 for the following steps.

3. Attach the handles to the dress panels with the four flat head screws (Item D).
4. The decorative strips must be removed in order to attach the dress panels to the instrument chassis. To remove a strip, place a thin bladed knife between the strip and the chassis and pry the strip away from the instrument. Retain the decorative strips for future use.
5. Mount the dress panels to the instrument chassis with the supplied screws (Item E).
6. Remove the feet from the bottom of the instrument and retain the feet (and the screws) for future use. Secure the bottom cover to the chassis using the four supplied screws (Item F).

CAUTION

To prevent damage to the instrument, use the supplied #6-32 × 1/4" screws (Item F) to secure the bottom cover to the chassis.

CHASSIS ASSEMBLY INSTALLATION consists of inserting the chassis assembly into the prepared space in the rack and securing it with the supplied screws (Item G).

7. Grasping the chassis assembly by the handles, insert it into the prepared space in the rack.
8. Mount the front of the chassis assembly to the rack using the four screws (Item G).

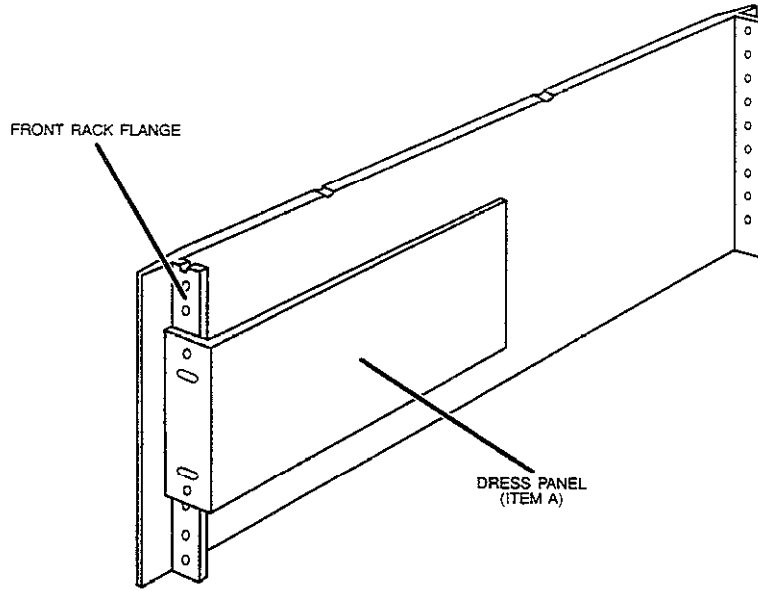


Figure 1.
Locating Mounting Holes

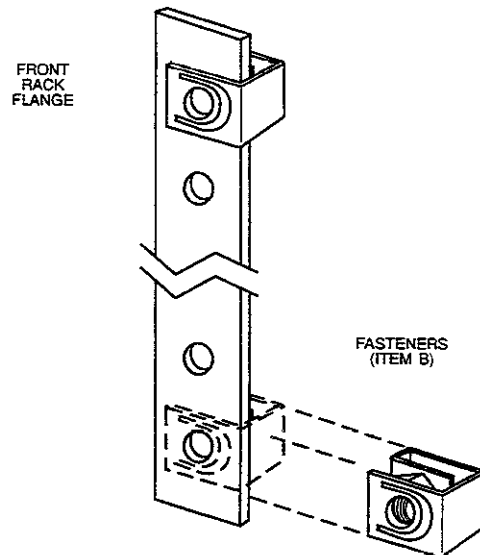


Figure 2.
Fastener Installation

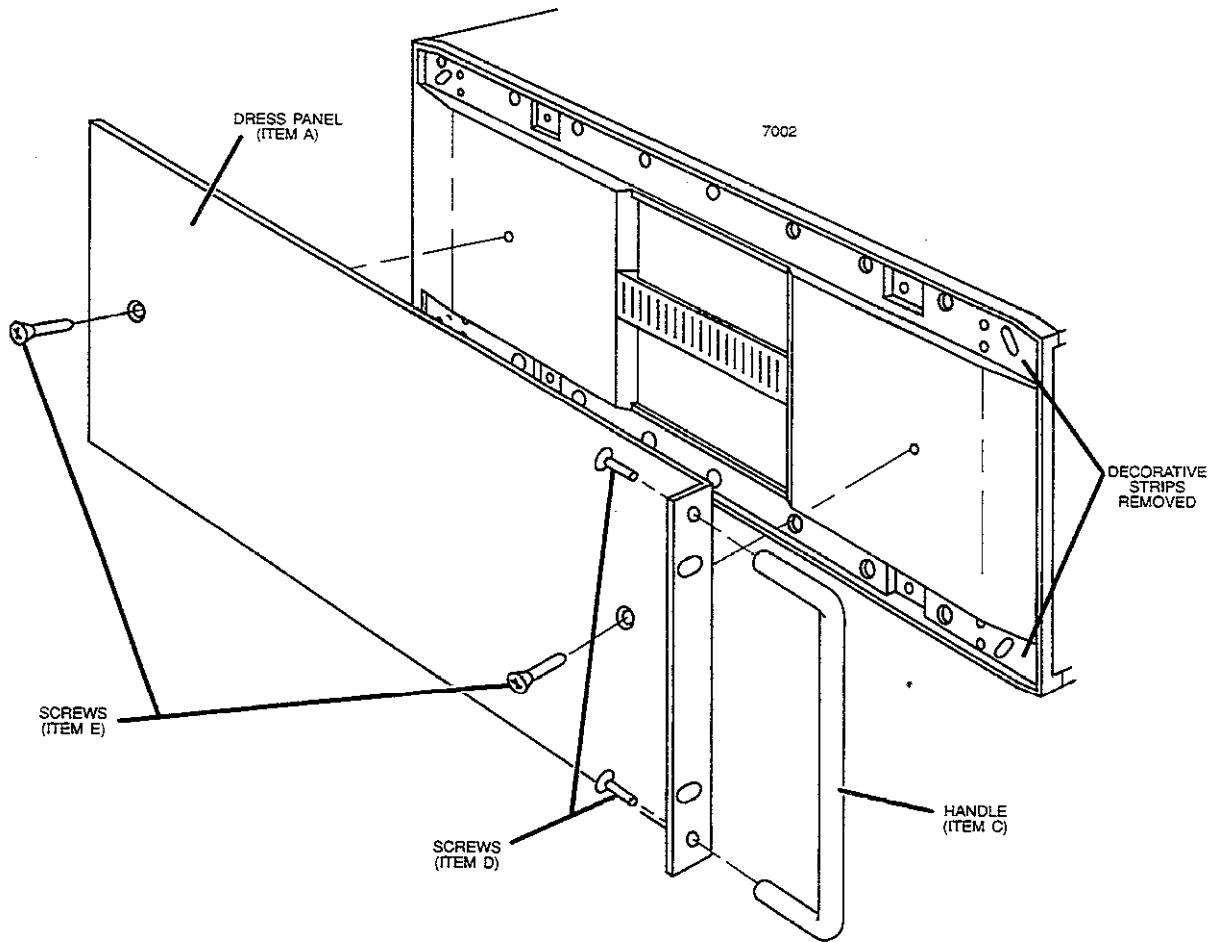


Figure 3.
Dress Panel Installation