Installation Note

Agilent Technologies ESA Spectrum Analyzers and EMC Analyzers Hard Transit Case (Option AXT)

Agilent Technologies

Part Number E4401-90501 Supersedes E4401-90060

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E4401-90501

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Option AXT

Product Affected:	ESA Spectrum Analyzers and EMC Analyzers
Serial Numbers:.	All

Introduction

The hard transit case provides an easy way to transport any Agilent ESA spectrum analyzer or EMC analyzer and accessories. Several pre-cut foam inserts which are included in the case, allow you to safely transport different options and accessories with your analyzer. Space is available for the following accessories: two battery packs, front impact cover, various cables, and small accessories.

Parts List

Table 1 Option AXT Contents

Item	Quantity	Description	Part Number
1	1	Hard Transit Case	E4401-60101
2	1	Installation Note	E4401-90060

WARNING **Do not lift the transit case by the telescoping handle. The handle is designed for pulling the case across smooth surfaces. Do not use the telescoping handle to pull the transit case up stairs, over curbs, or over rough terrain. Under certain circumstances, with improper usage, the telescoping handle may break and the falling case may cause injury.**

CAUTION The handles on the transit case have been tested for a load limit of 100 pounds gross weight. Exceeding the load limit could result in the failure of the handles.

CAUTION Failure to replace the foam inserts when accessories are not present may result in damage to the spectrum analyzer. Be sure to save any foam inserts that you may have removed for accessory placement.

Procedure

1. Lay the case flat on its feet to open or close it, as shown in figure 2.
2. Leave all inserts in place when transporting your spectrum analyzer without attachable accessories (such as the battery pack or the front impact cover).
3. Refer to figure 2. Place the analyzer into the pre-cut cavity. Be sure that the rear of the spectrum analyzer (1) is on the same side as the wheels (2) on the transit case.

Figure 2 Spectrum Analyzer in Transit Case

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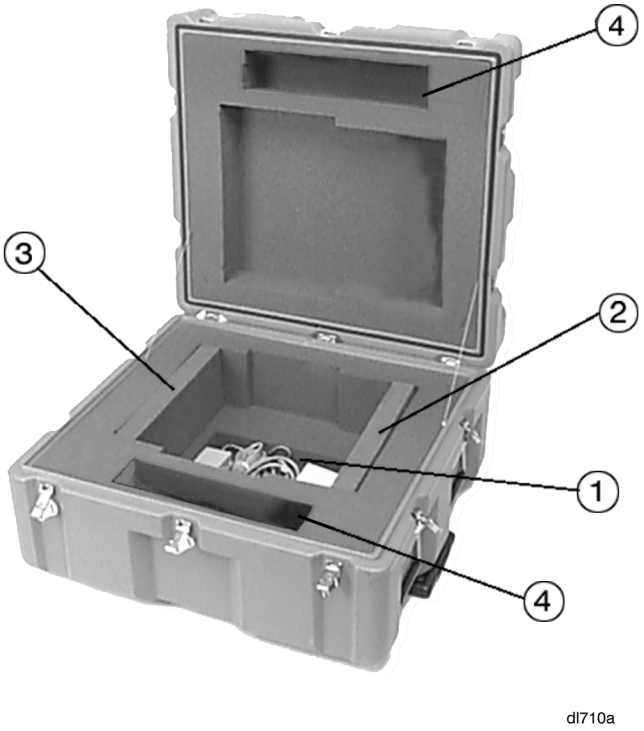
4. Set the instrument handle (3) in a locked position to the rear (1) of the spectrum analyzer.
5. Before you remove the spectrum analyzer from the transit case, move the handle to a locked upright position.

NOTE Instrument serial numbers ≥ US4107, MY4107, and SG4107 use a positive locking style handle. This handle is physically longer and will require some of the transit foam to be cut in order for the transit case to close and latch.

6. Refer to figure 3. The area found under the instrument (1) provides a storage area for items such as power cords, cables, and reference guides. Foam inserts (2) and (3) provide protection for the front and rear panel of the instrument. You may remove foam insert (2) to provide space for the instrument with the front impact cover attached. You may remove foam insert (3) on the base to provide space for the instrument with a battery pack attached. Foam cutouts (4), on both the lid and base, provides a space for the storage and protection of a battery pack that is not attached to the instrument.

CAUTION Failure to replace the foam inserts when accessories are not present may result in damage to the spectrum analyzer. Be sure to save any foam inserts that you may have removed for accessory placement.

Figure 3 Transit Case Foam Inserts and Accessory Cutouts



7. Refer to figure 4. When the battery pack (1) is attached to the rear of the spectrum analyzer, the instrument handle (2) should be positioned so that it touches the battery pack. Note that the spectrum analyzer handle is loose and does not lock into place.

Figure 4 With Battery Pack and Front Impact Cover

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8. Refer to figure 5. If you have a battery pack that is not attached to the instrument, place it in the cutout to the side (1) of the spectrum analyzer.

Figure 5 With Two Battery Packs and Front Impact Cover

9. Refer to figure 6. When using the telescoping handle to roll the carrying case, pull up firmly on the hand grip (1) until the telescoping sections are fully extended and securely **LOCKED** in place.

10. To release the locks and restore the handle to the retracted position, pull the lock release bar (2) toward the hand grip (1) until the locks release.

11. Press down on the hand grip (1) until the handle is in the fully retracted position.

WARNING **Do not lift the transit case by the telescoping handle. The handle is designed for pulling the case across smooth surfaces. Do not use the telescoping handle to pull the transit case up stairs, over curbs, or over rough terrain. Under certain circumstances, with improper usage, the telescoping handle may break and the falling case may cause injury.**

CAUTION The handles on the transit case have been tested for a load limit of 100 pounds gross weight. Exceeding the load limit could result in the failure of the handles.

12. To move the transit case up stairs, over curbs, or over rough terrain, use the four carrying handles (3). Two carrying handles are located on each end of the transit case. When using the carrying handles, place the telescoping handle in the fully retracted position.

Figure 6 Transit Case with Handle Extended