



Field Installation of Perkin Elmer Lamp Adapter

This instruction sheet describes how to install the Perkin Elmer Lamp Adapter Kit (part number 9910092300) to allow use of PE hollow cathode lamps on Agilent 50/55/140/240/240FS AA and SpectrAA-110/220 instruments.

The kit should contain the following parts:

Description	Quantity
Assy loom PE lamp adapter	1
Bracket lamp adjust	1
Bracket lamp holder	1
Washer, flat, 3.6 ID x 9.7 OD, part number 1510048200	2
Screw, knurled UNC 6-32, part number 1510078600	2
Screw UNC 6-32 x .62 pan	1
Screw M4 x 8 pan xylan	2
Screw M4 x 12 pan captive washer, part number 1510108200	2
Screw M4 x 8 cap, stainless steel	2
Washer flat 4.2 ID x 11.2 OD, part number 1518028000	2
Adapter PE lamp	1
Knob thumbscrew #8, part number 2510023000	2
Labels, numbers 1 to 8	1
Spring adjusting screw, part number 4610003300	3
Installation instructions, PE lamp adapter, publication number 8510158700	1

Each kit supports one PE lamp.

Installation

To install the PE Lamp Adapter Kit:

- 1 Turn off all power to the instrument and disconnect the cable from the mains power supply.
- 2 Remove the lamp door and the instrument top cover.
- 3 Disconnect the lamp wiring harness for lamp 1 from the control board. Take note of where the lamp harness is plugged into the control board. You will need to plug the replacement lamp base plug in the same socket.
- 4 Remove the two stainless Pozidrive screws securing the base and bracket of lamp position 1 to the lamp panel. Remove the complete lamp base, bracket and attached wiring harness and discard.



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- 5 Take the replacement loom supplied with the kit, and push the wires through the hole in the lamp panel from where the previous wires were removed, leaving the black multi-pin connector accessible from the outside. Connect the white plastic 4-pin connector to the control board inside the instrument in the socket left vacant in Step 3.
- 6 Install the lamp base and bracket assembly supplied with the kit to the instrument lamp panel using the two stainless Pozidrive screws removed in Step 3.
- 7 Install the PE lamp and connect the lamp connector to the black multi-pin connector made accessible in Step 5.
- 8 Replace all instrument covers.
- 9 Turn on the instrument and check operation of the PE lamp.

This information is subject to change without notice.



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