

## Using the PEL Upgrade Utility Program AEMC<sup>®</sup> Models PEL 102 & PEL 103

**Step 1**: Download the firmware file "PEL\_Firmware.exe" or "PEL\_Firmware.zip" to your desktop

**Step 2**: Connect your PEL instrument to the computer using an USB cable. (Connect the AC power cord to the instrument when performing the flash upgrade)

**Step 3**: IF the .zip file was downloaded then unzip the exe file to the desktop. Double click the exe file to launch the upgrade utility. A window will be displayed as shown below to allow the selection of the language to use. Click "Next" to proceed.

🔀 PEL - Flash Upgrade Utility (V1.00)	- • • ×
Select language	
English	•
	Next >>

**Step 4**: The connected instrument will appear in the drop-down list. Click "Refresh" if the list is empty. Select "Next" to proceed.

Select language	
English	
Select the instrument to update	
PEL-143886KGH	✓ Refresh
Stop recording and disconnect the n The power supply must be connecte	retwork cable, if necessary. ed to the instrument during upgrading.



**Step 5**: The next window will show the  $\mu$ P and DSP firmware version. Select "Program" to start loading the firmware into the instrument. Once the firmware has started loading a progress bar will display the status.

Linghorn			<b>~</b>	
Select the instru	nent to update —			
PEL103-143893	KGH		Ŧ	Refresh
Stop recording and The power supply Status Do not turn off th	nd disconnect the v must be connec e instrument.	network cable, if r ted to the instrume	necessary. nt during upgradir	g.
Jo not disconnei	EL 102 hours	ly or the USB cable	3.0	
DSP firmware file:	PEL102.nex, PEL100.bin,	Revision 1.13 Revision 1.23		
Programming μP,	block 2933 of 40	64		

Step 6: When completed a message is displayed above the status bar as shown.



Step 7: Select "Exit" to close the utility program.

## Firmware Upgrade is complete