

# Technical Bulletin 150

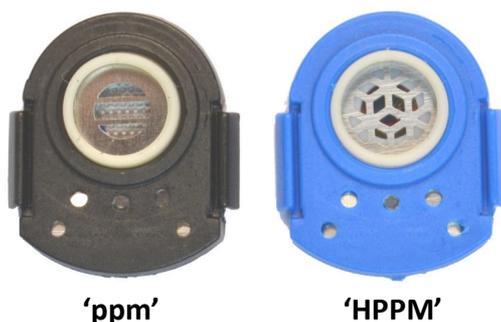
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## New 'HPPM' MiniPID pellet: Changing Over

Ion Science continually works to improve the quality of our products. Recent improvements in lamp production have led to the use of higher output lamps in our 3-pin ppm cell. This in turn has afforded us the opportunity to redesign our 'ppm' pellet to more closely reflect the needs of our customers.

To this end as of this month Ion Science are replacing our 3-pin 'ppm' pellet (P/N A-846229) with our new 'HPPM' pellet as our core wide detection range PID technology.

The difference in product can be clearly distinguished. The new 'HPPM' pellet is **blue** in colour, compared to the **black** 'ppm' pellet, as shown in the photo below:



As the new 'HPPM' pellet is designed to be used *only* with our new higher-output lamps, the 'HPPM' and 'ppm' pellets are *not directly interchangeable*.

To this end an 'HPPM pellet' upgrade for 3-pin 'ppm' pellets (P/N A-846229 or MSF) or ppm lamps (LA4TM600) will be supplied as a single package consisting of HPPM pellet and the high output lamp (LA42SM60). This is to ensure that new HPPM pellets are always used with our new high-output lamps. When received, both HPPM pellet and lamp should be exchanged together to ensure optimal performance.

For existing customers our old 'ppm' design will still be supported for the foreseeable future, but will no longer be directly advertised. We hope the improved performance delivered by the 'HPPM' pellet will encourage our customers to change over. The new part numbers are as follows:

Part No.	Description
LA4SM600	MiniPID Lamp Krypton 10.6 eV
LA42SM60	HPPM pellet and high output lamp replacement

Please see our new brochure or the upcoming technical bulletin 151 *New 'HPPM' MiniPID pellet: Enhanced Performance* for further detail on improvements and changes to the pellet, and our new brochure which covers our entire MiniPID product range.

**For more information contact Ion Science**

**Tel:** +44 (0)1763 208503

**Email:** [marketing@ionscience.com](mailto:marketing@ionscience.com) **Web:** [www.ionscience.com](http://www.ionscience.com)