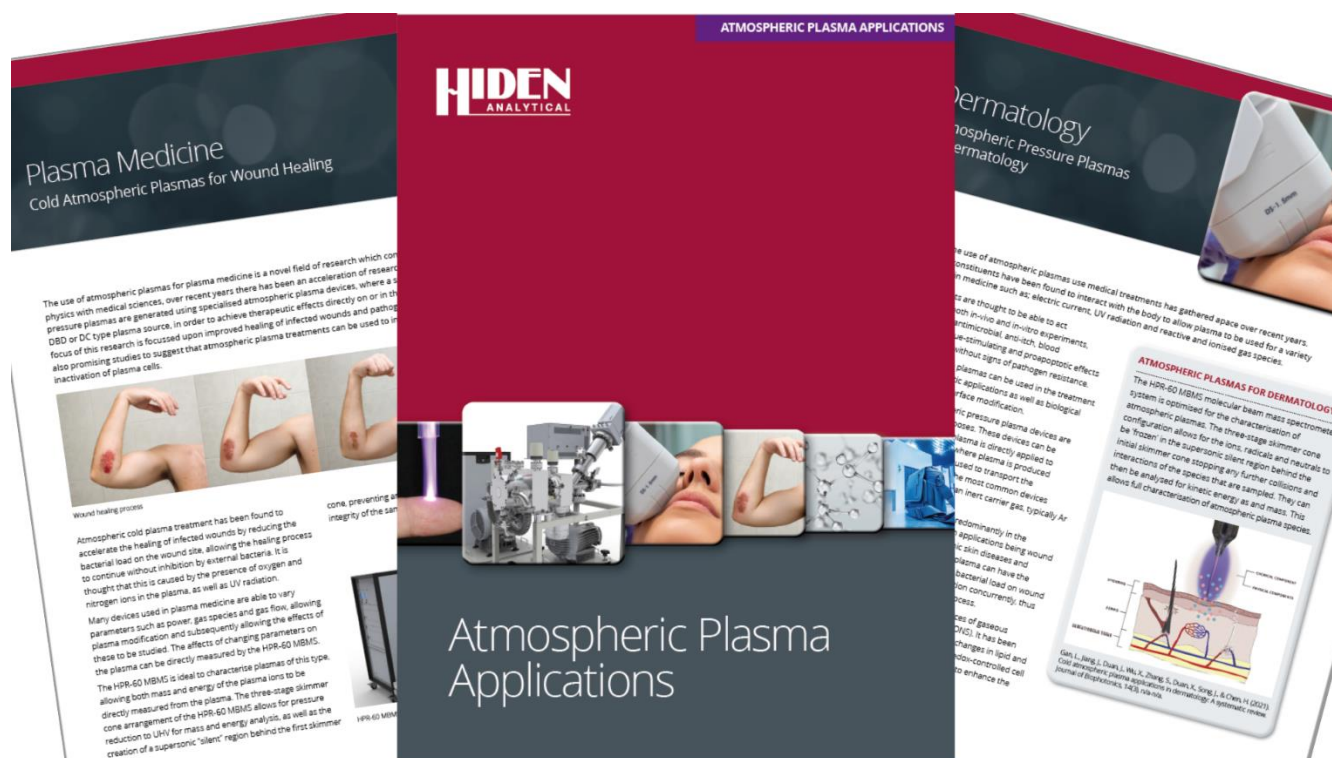


New Literature Information

New Atmospheric Plasma Applications Catalogue

Hiden Analytical develops and supplies instruments for a new era of analysis of ions, radicals and neutrals from high pressure plasmas. The latest in the range of application showcase brochures, Atmospheric Plasma Applications, offers an insight into the applications that Hiden's atmospheric plasma range address.

The Hiden instruments for atmospheric plasma analysis include the HPR-60 MBMS as well as the HPR-20 R&D gas analysis range. The HPR-60 system is a specialised system, developed specifically for direct measurement of atmospheric plasma species. The HPR-20 R&D allows for real time gas analysis of neutral products from plasma, effective in plasma catalysis applications.



The range of applications highlighted include the commercial use of atmospheric plasmas for dermatology and wound healing as well as for surface modification of polymers. Novel applications include PADI (Plasma Assisted Desorption Ionisation) for the sensitive detection of explosive compounds in airline security applications. Instrument features, specific to gaining the optimal data from an application are also showcased. For example, the high mass detection capabilities of the HPR-60, allow for cluster analysis. Combined mass and energy analysis also allows researchers to fully characterise their plasma species. Systems are equipped with Hiden's multi-level software package, offering simple control of mass spectrometer parameters and complex manipulation of data and control of external devices.

For full details on this or any other Hiden Products contact Hiden Analytical at info@hiden.co.uk or visit the main website: www.HidenAnalytical.com.

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