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New Portable Heavy Metals Analyser from Wagtech

Wagtech have officially released the Metalyser HM1000; the world's first portable instrument that simultaneously measures heavy metals down to ppb levels. The unit measures Arsenic, Cadmium, Copper, Mercury, Lead and Zinc, and the HM1000 is the first of the Wagtech Metalyser® brand that will also comprise bench top and on line versions.

Developed following extensive research and collaboration with Liverpool University, the Metalyser HM1000 provides a simple and efficient solution for measuring environmental pollutants in the field. Covering six common heavy metals found in a variety of waters, the design also allows the addition of further parameters in the future without the need to upgrade the instruments.

Water Quality Testing | Environmental & Pollution Monitoring | Soil Testing (using separate extraction kit) | Treated Industrial Effluents | Research



The Metalyser HM1000 offers a new concept in electrochemical analysis. The technology is heavily based upon the proven methods of Anodic Stripping Voltametry but the development of a patented Vibrating Microwire, incorporated into the sonde assembly, has significantly increased the accuracy of the technique whilst at the same time enhancing the ease of the instrument. This has allowed Wagtech to develop an innovative and exciting portable field instrument capable of multi parameter metals analysis in the field.

The Metalyser HM1000 uses the results obtained from this voltammetric technique, along with certified calibrations pre programmed into the software of the instruments, to calculate the concentrations of the various parameters. It is extremely accurate, providing rapid results down to ppb levels.

For more information and the technical specification, please **download the Metalyser HM1000 brochure** from the Wagtech website:

www.wagtech.co.uk

In addition, please feel free to contact Wagtech directly at

sales@wagtech.co.uk



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