



R E N Z A C C I U K P L C

PRESS RELEASE

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RENZACCI AIR MONITORING SYSTEMS PASS CAMBRIDGE UNIVERSITY TESTS

Proof of the effectiveness of Renzacci UK distributed Aeroqual air monitoring systems has been provided with the publication of the results of two independent tests in the UK and the USA. The first was carried out by scientists at Cambridge University and the second by California's internationally acclaimed Environmental Protection Agency.

Independent evaluation of the Aeroqual Series 500 monitor against a Thermo Electron TEI49C photometer (utilizing UV technology) was undertaken by the University of Cambridge in association with Cambridge Atmospheric Measurements Limited.

The series 500 monitor tracked the same trend and gave identical reading with the specified accuracy level of +/- 8 ppb from 0 to 0.1 ppm and +/- 10 per cent from 0.1 to 0.5 ppm.

"This finding verifies the high accuracy and reliability of Aeroqual's GSS (gas sensitive semiconductor) technology," says Renzacci UK managing director Jason Alexander.

In the second trial, a laboratory evaluation of leak detectors for perchloroethylene drycleaning solvent conducted by the California Environmental Protection Agency – Air Resources Board matched Aeroqual's Series 200 and Series 500 monitors against portable VOC analyzers.

The Series 200 performed particularly well producing responses to concentrations of 32ppm with 30 ppm and 31ppm standard and with responses to the 16ppm standard of 15ppm and 15ppm.

Jason Alexander comments, "The Aeroqual monitors offer exceptional value in terms of functionality and accuracy of response at one third to one fifth of the cost of comparable PID analyzers.

Renzacci UK has worked in conjunction with Aeroqual to develop a series of basic monitors plus additional tools and accessories. The Model SM70 is a wall mounted fixed monitor for perchloroethylene and hydrocarbon, which allows continuous ambient monitoring via a large easy-to-read digital display.



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Handheld monitors start with the entry level Series 200 monitor which incorporates the same features as the SM70 in portable format with a rechargeable battery (charger supplied) with a life of seven hours.

The Series 300 monitor includes additional features including an output facility to control external items of equipment. Top of the range is the Series 500 with onboard data logo and PC interface. Up to 8000 recordings can be stored on the Series 500 before it becomes necessary to download to a PC.

“The successful performance of the Aeroqual monitors in independent trials are exactly what we would expect from this product,” says Jason Alexander.

“We’ve been closely involved in the development of the product so it proves what we already know. But it is very gratifying to have that independent confirmation from such highly reputable sources. Since introducing Aeroqual monitors into the UK at the close of 2005 we have been astonished at the levels of interest in the product proving that they fill a real need for accurate emissions monitoring at an affordable price point.”