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1. Latest Paper On a Novel Forensic Method to Detect Diclofenac Residues in Vultures and Livestock Animals Using a miVac Concentrator
2. New look to the miVac speedtrap
3. New Additions/Changes including new design charge
4. miVac Lead Times
5. Shows

**1) Latest Paper On a Novel Forensic Method to Detect Diclofenac Residues in Vultures and Livestock Animals Using A miVac Concentrator** (*Department of Life Sciences, Anglia Ruskin University, Cambridge, UK; Foundation for Analytical Sciences & Technology in Africa, UK; Department of Forensic Medicine and Sciences, University of Glasgow, UK*).

This is a very interesting paper and a great tool to use as a reference for any forensic related applications for the miVac concentrator. It proves

- How the sample preparation process and method validation were improved by replacing the nitrogen blow down device with the miVac DNA concentrator.
- The efficiency, reliability and reproducibility of the system.

**A full copy is attached for your reference.**

Diclofenac is a non-steroidal anti inflammatory drug that is extensively used to treat pain and reduce inflammation in humans and animals. In the Indian subcontinent usually livestock carcasses are left out and were consumed by, particularly vultures then faced extinction. It was found this was due to the presence of diclofenac residues.

Most traditional methods of diclofenac detection require tissues of a dead bird or livestock animal. These samples must be in good condition for analysis to obtain sufficient data.

As a result new method was developed to detect diclofenac by using more long-lived keratinous matrices, like feathers, bones, beaks and human hair and nails too.

This paper describes how a miVac concentrator was used for sample preparation to develop a novel forensic method to detect diclofenac on Vultures and Livestock animals, increasing the overall efficiency and reliability of the method and its validation.

## 2) New look to the miVac Speedtrap

Can you spot the difference ?

***NEW***



***OLD***



Yes, we have changed the speedtrap LED light, from blue to green. The old blue LED is no-longer available. The blue used on Rocket / EZ-2 is too intense to use here, and green looked better.

### 3) New additions/changes

- From 1<sup>st</sup> January 2010 the new design charge is £500 per rotor. Please note that there is no distributor discount on design charges
- An updated list of miVac rotors is also attached.

### 4) miVac Lead times

Just a reminder that miVac lead times are currently 4 to 6 weeks, depending on the rotors and configuration. We will ship more quickly than this if we can, however, due to the great sales job that you are all doing is unlikely that we can ship more quickly than 4 weeks. If you have an urgent situation and can tell us about it in advance, please talk to us and we will always do our best to help you if we can.

### 5) Shows

We will be exhibiting at Recent Advances in Food Analysis (RAFA), in Prague on the 4<sup>th</sup>-6<sup>th</sup> November and Pollutec in France on the 1<sup>st</sup>-4<sup>th</sup> December. The Rocket and EZ-2 mk 3 will be on display.

Åke and Antoine will be at both or either of the shows so please let them know if you are planning to visit. For more information please visit our website.

Also remember to inform us about any local exhibitions you are planning to do, we will be very pleased to include these in our web site for you, absolutely free!