

## TECHNICAL INFORMATION: Care of PID PhoCheck Tiger

The PID PhoCheck Tiger is designed to keep you safe in hazardous environments. That's why we take the care and maintenance of our rental PIDs very seriously.

We maintain our PIDs to the highest possible standard to ensure they are 100% reliable and maintain their Intrinsically Safe status.

In order to maintain the Phocheck Tiger PID's Intrinsic Safety:

- the case must never be opened by an unqualified person as doing so will invalidate the certification.
- Tiger PIDs hold their calibration very well. We calibrate the machine on the day it is sent to you to ensure it is as accurate as possible. There should be no need for you to recalibrate a Tiger in the field, use the gas provided as a bump test only. If you are unhappy with the bump test results, please contact Van Walt for advice.

Please see **Tips on How to Avoid & Prevent Damage to your Phocheck Tiger PID**, as just a little bit of care can help you avoid incurring a large repair bill and keep you safe on site.

### **Tips on How to Avoid & Prevent Damage to your Phocheck Tiger PID**

Two of the most common problems we see are caused by the same action – pushing the nose-cone into the soil you are trying to take a reading from. The results:

1. Nose-cone snaps off
2. Nose-cone becomes blocked or too wet and dirty to take accurate readings.

Please use the extension tubing and filter, as shown in the picture. You may wish to 'zero' the unit to clear any background 'noise' from the tubing and filter. Our Phocheck Tiger Quick Start Guide has instructions on how to 'zero' the unit.



The PID is a gas detection device. It is not designed to suck in moisture or sediment. The "moisture filter" enclosed in the filter clamp assembly on the top of the unit is designed to stop moisture and sediment moving into the machine and should be replaced regularly and also when it appears necessary. This is a prudent move to maintain the PID without problems.

The other problem we see on a regular basis is over-tightening of the filter clamp. We CANNOT fix this without opening the case which will earn you a hefty repair bill. Please, when you replace the moisture filter, only tighten the filter clamp finger tight.

