DigiPAsS Operation Manual

Operation Equipment Key

- Graduated Flask
- Tri-Filter Arsenic Trap (Bung)
- Hydrogen Sulphide Removal Filters
- Black Filter Slide (Detection)
- DigiPAsS
- Screwdriver
- Filter Paper (arsenic test) (Labelled Black)
- Filter Paper (removal) (Labelled Red)
- Powder Sachet
- Tablets A2
- Dilution Tube
- Cleaning Brush
- Colour Chart
- Waste Disposal Bag, Gloves & Forceps

Stage 1: Loading bung device

1. Take one Hydrogen Sulphide Removal Filter and insert into the bottom end of the bung.
2. Take Red Filter (Removal) Slide and open.
3. Take Black Arsenic Filter Slide and open.
4. Take one Filter Paper from black labelled pot, use forceps and/or gloves to insert into position ensuring the filter paper is evenly covering the hole. Then firmly close slide holder, taking care to locate the pins in the slide holder correctly.
5. Get Bung device and ONLY insert the Red Filter (Removal) Slide into the top slot.

Stage 2: Calibrating the DigiPAsS

1. Take the DigiPAsS and press any key to switch on. This will then say 'Insert Slide'.
2. Take the pre-loaded Black Arsenic Filter Slide (the one that has just been fitted with filter paper) and insert slide.
3. Then DigiPAsS will instruct to 'Remove Slide', once slide is removed this then instructs to 'Run Test', which automatically activates timer on the DigiPAsS.
4. Then take the Black Filter Slide and insert into the bottom slot of the bung.
Stage 3: Arsenic Measurement (colour comparison - using the colour chart)

Remove Black Filter Slide from Bung device.

Record corresponding Colour. Match from colour chart to obtain result in μg/l (ppb).

If test result reads above 500μg/l (ppb) use dilution tube with de-ionised water and convert accordingly. Then go back to stage 1 and do test again.

For Verification of readings less than 100μg/l (ppb)...

Use the Palintest DigiPAsS – fully portable field device giving accurate digital read-out between 2 and 100μg/l (ppb).