

# Platypus 4G ® Dissolved Air Flotation (DAF) Test Accessories

Laboratory Supplies



**For Supply:** Contact your local Laboratory and Scientific Equipment Supplier or more information – [www.platypusjartester.com](http://www.platypusjartester.com) [info@platypusjartester.com](mailto:info@platypusjartester.com)

2L DAF Jars in place at a Platypus 4G Jar Tester, manifold and Saturator

## Assess best practice design and management of DAF - with Platypus 4G DAF Test Accessories

DAF clarification process uses micro bubbles to attach and float flocculated and suspended particles, including slow settling colloids, algae, hydroxides, and turbidity generally - to a treatment plant's water surface for ultimate removal.

DAF Test Accessories are used in conjunction with standard Jar Testing - to assess and determine appropriate DAF process parameters including air saturation pressure, recycle rates, DAF treatability, float cohesion, appropriate polymers and appropriate flotation surface loading rates.

The above illustration depicts 4 x DAF Jars in place at a **4G Platypus Jar Tester**, a distribution manifold with quarter turn isolating valves, a Saturator assembly and connection tubing.

**Weight:** 9 kg

**Prod. No.**

**4GSAT** Platypus 4G DAF Test Accessories – *includes* 2L Saturator Assembly, 4 x 2L DAF Jars (with taps), and a 4 port manifold.

**Inclusive:**

- A static **Saturator** (pressure vessel) for the dissolution of air in the vessel's (water) contents;
- Quick-connectors for compressed air and Saturator outlet;
- Air pressure regulator;
- Fill funnel;
- Fine bubble air diffuser;
- Air bleed needle valve to diffuse air through the vessel's contents under pressure;
- **Manifold** assembly to distribute air saturated water from the Saturator to DAF Jar(s) dispersers; and
- 4 x 'DAF' Jars each with air saturated water dispersers, subnatant sample taps & connection tubing.

**Prod. No.**

**Optional Accessories:**

**4GSATCC**

Heavy Duty Carry Case

**4GCOMP**

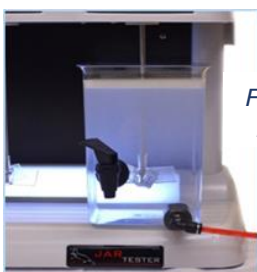
Whisper quiet 32 dB(A) air compressor (*Benchtop model*)

**4GSAT1J**

1 x 2L DAF Jar, *including sample tap*

**4GSAT4J**

4 x 2L DAF Jar, *including sample taps*



Flotation in progress



Heavy duty DAF Test Accessories carry case – with handle & wheels



Whisper quiet Air Compressor