

Syft Sample Collection Case

- Integrated sample collection solution
- Collect up to three separate samples without handling sample bags in the field
- Holds three one-litre sample bags or one three-litre bag
- Internal battery allows sampling without power leads and sockets
- Robust construction for sampling in the toughest environments
- Weather-resistant design for outdoor use
- Simplifies sample collection hardware into one portable package



Mobile Gas Sampling

If you need to collect gas samples in the field, the Syft Sample Collection Case provides a one-stop solution. Simply preload the weather-resistant case with up to three sample bags and move freely between sampling sites.

Simple Sampling

Collect up to three separate samples per case at the flick of a switch. Collect multiple samples quickly, even simultaneously, without handling sample bags in the field.

An Integrated Solution

Sampling pump, battery pack, bags, filters and wand/probe – everything is contained in one portable unit. No need to source a power supply in the field or carry a separate pump, power leads and accessories.

Engineered for Tough Environments

The robust, weather-resistant case is designed to take the rigors of field work. Collect laboratory-grade samples without laboratory-fragile equipment.

Flexible Sampling Options

Collect up to three litres of sample without changing bags. Collect one three-litre sample, three one-litre samples, or any combination of bags up to three litres. Collect samples individually or simultaneously.

Fully Supported

Flexible support and training options tailored to your requirements, to ensure you achieve maximum value and trouble-free operation.

Versatile Sampling Wand

Changeable sampling wand allows stand-off probe-style sampling of shipping containers, curtain-side trucks, and internal spaces. Allows sampling of containers without opening doors or breaking seals.

Integration Options

Variations of the Sample Collection Case can be customised to meet your needs and work processes.

Syft Sample Collection Case

Sampling Capability

- Suitable for collection of gas samples
- Holds up to three individual sampling bags
- Collects sample sizes up to three litres
- Individual sample collection or simultaneous collection of multiple samples
- 0.45 micron PTFE filter protection from sample particulates
- FEP internal materials minimise sample adsorption
- Wand end-effector suitable for a range of sampling subjects, including curtain-side trucks, shipping containers and internal spaces
- Standard wand with 2300mm reach. Wand carry clips mounted on case

Sampling Speed

- Priming time: 30 seconds (performed once for up to three samples)
- Sample collection time: 30-40 seconds per individual one-litre sample (90 to 100 seconds for three-litre bag)

Sample Introduction

- ¼ inch FEP direct inlet
- ¼ inch SS tube wand with integrated filter

Durability

- Suitable for indoor and outdoor conditions
- Splashproof and washable
- Case built to MIL-STD 4150-J
- Case intended for indefinite re-use (with regular six-month service, depending on hours of operation)

Operating Parameters

- Battery charger: 240 VAC 50 Hz 20 W
- 12 VDC 7.2AH lead acid battery with overnight charge
- 2 Hours continuous battery life (8 hours intermittent)

Physical Properties

- Height: 450 mm
- Width: 540 mm
- Depth: 220 mm
- Weight: 10.0 kg (10.5 kg including wand)
- Wand length: 800 mm.
- Sample line length to wand: 1500 mm nominal

Environmental Conditions

- Ambient operating temperatures 10°C to 40°C
- Storage extremes -25°C to 65°C

Standard Items

- Sample collection case, with rechargeable pump: part number T0006
- Country-specific battery charger: part number C1048
- One sampling wand and 1500 mm reinforced FEP tubing: part number A0292
- Two sample line filters: part number M1294

Consumables

- 0.45 micron sample line filter: part number M1294
- Tedlar Bags, one-litre to three-litre (available from Syft or laboratory supply outlets)

Options

- Additional sampling wands: part number A0248
- Inter country/regional battery charger packs
- Customised training and support programmes

Your local dealer: