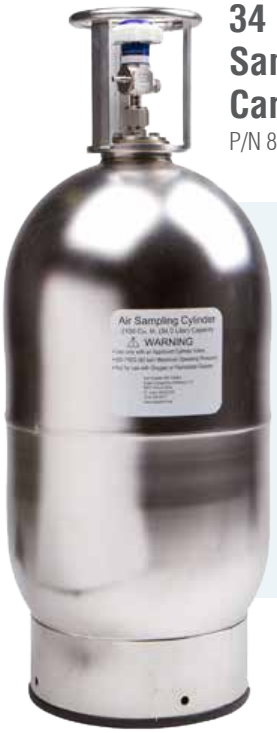
ESSEX™ INDUSTRIES

specification sheet

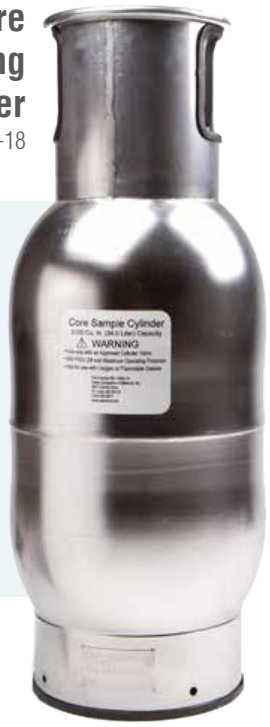
34 L Air Sampling Canister

P/N 80C-0008-8



34 L Core Sampling Canister

P/N 80C-0008-18

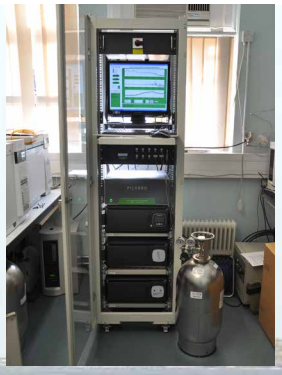


The Air and Core Sampling Canisters are designed to support global atmospheric research programs.

The 3 L, 4.5 L and 34 L Air Sampling and Core Sampling Canisters each meet the requirements of the Code of Federal Regulations, Title Research and Special Programs Administration Section 178.53, Specification 4D Welded Cylinders for Aircraft use.

- Ultra-clean valve
- All-metal construction
- Protective carrying handle
- Self-standing

	34 L Air Sampling Canister	34 L Core Sampling Canister
Nomenclature	DOT 4DS	DOT 4D
Height	31.3” (79.5 cm)	31.6” (80.3 cm)
Diameter	12.2” (31.0 cm)	12.2” (31.0 cm)
Weight	52 lbs. (23.6 kg)	60 lbs (27.2 kg)
Operating Pressure	900 PSIG (6205 kPa)	500 PSIG (3447 kPa)
Internal Volume	34 L (2100 cubic in.)	34 L (2100 cubic in.)
Material	304 L Stainless Steel	304 L Stainless Steel
Interior Wetted Surfaces	Electro-polished	Electro-polished
Fail Safe Rupture	1500 PSIG (10342 kPa)	750 PSIG (5171 kPa)

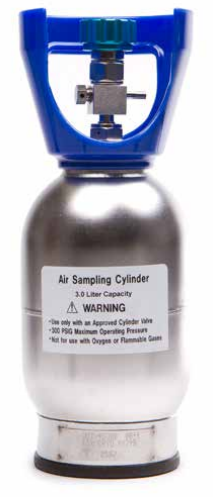


A Picarro analyser and an Essex Air Sampling Canister at the University of Bristol, UK.

For more information visit **essexindustries.com/products**

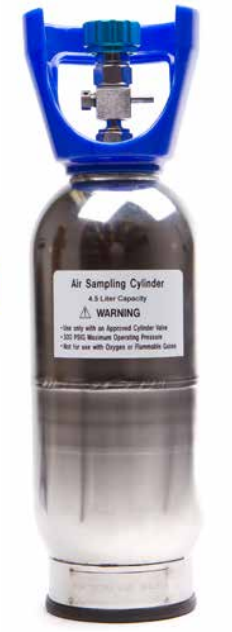
3 L Air Sampling Canister

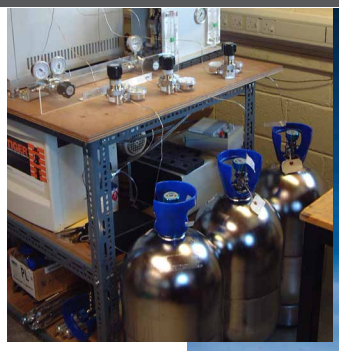
P/N 80C-0008-15

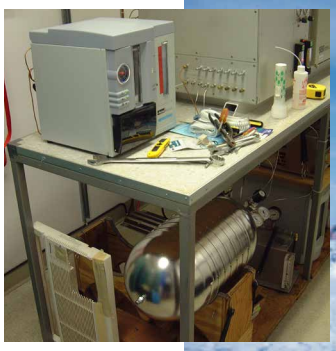


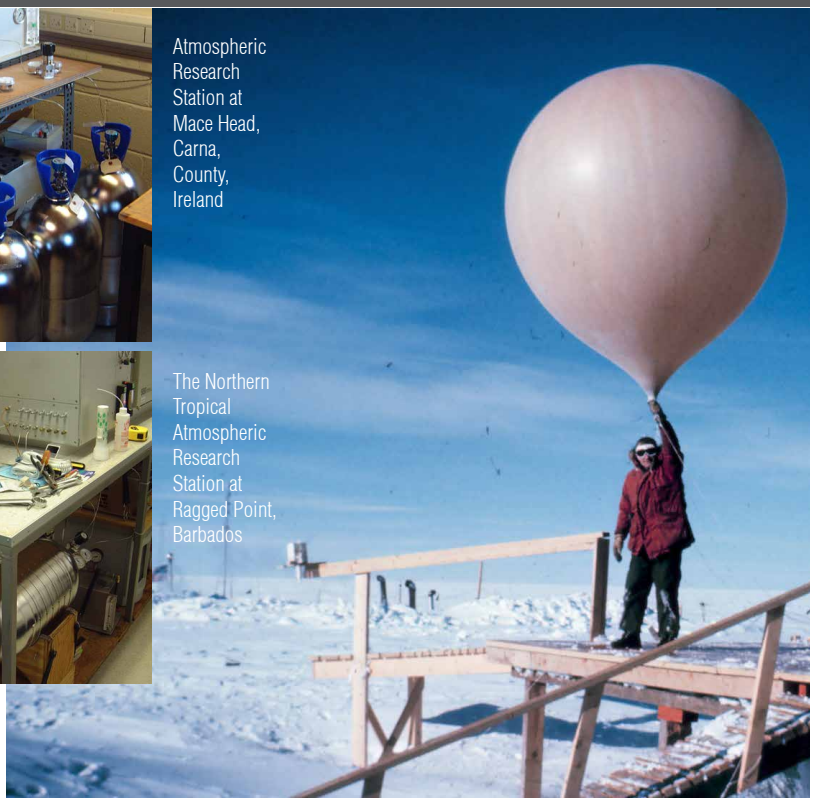
4.5 L Air Sampling Canister

P/N 80C-0008-14









Atmospheric Research Station at Mace Head, Carna, County, Ireland

The Northern Tropical Atmospheric Research Station at Ragged Point, Barbados

	3 L Air Sampling Canister	4.5 L Air Sampling Canister
Nomenclature	DOT 4D	DOT 4D
Height	15.3” (38.8 cm)	19.5” (49.5 cm)
Diameter	5.7” (14.5 cm)	5.7” (14.5 cm)
Weight	4.6 lbs. (2.1 kg)	5.9 lbs (2.7 kg)
Operating Pressure	300 PSIG (2068 kPa)	300 PSIG (2068 kPa)
Internal Volume	3 L (183 cubic in.)	4.5 L (275 cubic in.)
Material	304 L Stainless Steel	304 L Stainless Steel
Interior Wetted Surfaces	Electro-polished	Electro-polished
Fail Safe Rupture	450 PSIG (3102 kPa)	450 PSIG (5171 kPa)