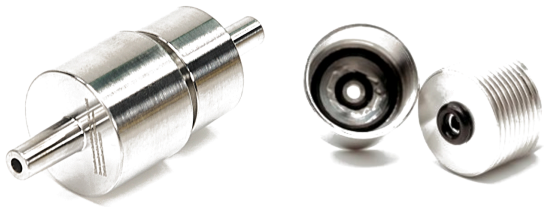
EMILIE™ · AEROSOL SAMPLING ACCESSORY

Aerosol Flow Adapter

An inline adapter for aerosol sampling on EMILIE™ nanoelectromechanical sampling and sensing chips. Designed for 4 mm inner diameter tubing, it provides easy integration to your sample collection workflow.



ASSEMBLED & DISASSEMBLED

MAX FLOW RATE	COMPATIBILITY	WEIGHT	MATERIALS
1.0 L/min	4 mm ID tubing	14.0–38.2 g	2 variants

FEATURES

- Direct fit for standard 4 mm inner diameter sampling tubing
- Conical machined fittings on both ends
- Compatible with EMILIE™ sampling & sensing chips

TABLE 1 SPECIFICATIONS BY VARIANT

Parameter	Stainless steel	Aluminium
Maximum flow rate	1.0 L/min	1.0 L/min
Weight	38.2 g	14.0 g
Compatible tubing	4 mm ID	4 mm ID

CHOOSING A VARIANT

Stainless steel — 38.2 g

The robust, chemically inert choice for demanding or corrosive sampling environments and repeated field use.

Aluminium — 14.0 g

A lightweight alternative, ideal for uncrewed aerial vehicles (UAVs) and weight-sensitive applications.

Both variants are available with either Swagelok® or straight-tube compatible fittings, for direct connection to commercial aerosol samplers.

EXTERNAL DIMENSIONS ALL VALUES IN MM

