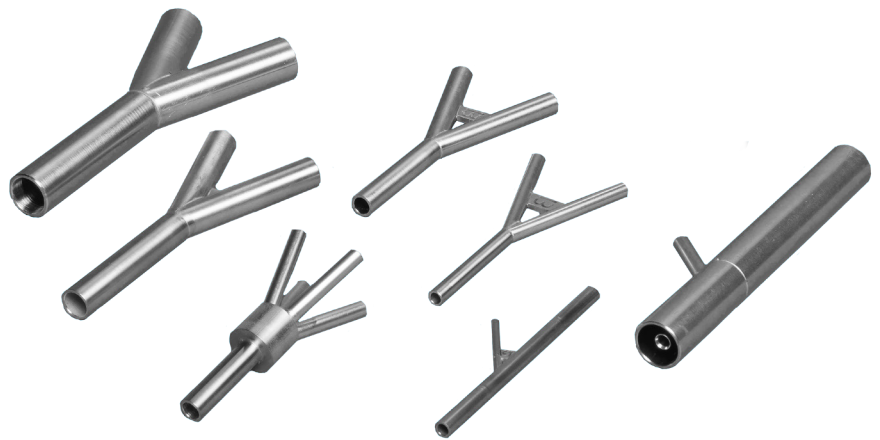


# BRECHTEL

**Solutions for your  
research challenges**

## Two-Way Flow Splitters Models 1100 to 1105



When your application requires high-precision sample handling

### Features:

- Careful division of particle-laden sample flows
- Minimizes inertial deposition losses of larger particles
- Several convenient stainless steel tubing diameters
- Design employs 2" long legs and a 40° angle between exit tubes
- Precisely machined for razor-sharp "Y" joint
- Vacuum brazing produces an ultra-clean product
- No warpage or oxidation associated with welding

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# Providing Aerosol Measurement Solutions

## Specifications & How to Order

Part No.	Description
1100	Aerosol Sample 2-Way Flow Splitter (1/4" OD, 3/16" ID tubing)
1101	Aerosol Sample 2-Way Flow Splitter (3/8" OD, 1/4" ID tubing)
1102	Aerosol Sample 2-Way Flow Splitter (1/2" OD, 3/8" ID tubing)
1103	Aerosol Sample 2-Way Flow Splitter (3/4" OD, 5/8" ID tubing)
1104	Aerosol Sample 4-Way Flow Splitter (3/8" OD inlet, 1/4" OD outlets, x4)
1105	Aerosol Sample Centerline Splitter with 1/4" OD, 3/16" ID main body tube and 1/16" OD, 0.02" ID tap tube
1105S-075	Aerosol Sample Flow Splitter, 3/4" OD, 5/8" ID main tube with 1/4" OD, 3/16" ID centerline concentric pick off

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\*Some products may be shown with optional accessories, which are sold separately. Items shown may not be to scale.

## Applications

- Instrument flow pick-offs
- Dividing sample flows with minimal losses
- Sampling inlets with well behaved air flow

