

Gas Mixing Chambers

for creating Homogeneous Gas Mixtures

> Introduction

Bronkhorst High-Tech B.V., the European market leader in thermal Mass Flow Meters/Controllers and Electronic Pressure Controllers, has many years experience in designing and manufacturing precise and reliable measurement and control devices. With a wide range of instruments, Bronkhorst High-Tech offers innovative solutions for many different applications in many different markets.

> Homogeneous gas mixtures

There is an increasing need for special gas mixtures. Moreover, very often varying concentrations are required. Bronkhorst High-Tech have gained much experience in supplying Mass Flow Controllers for such applications. Creating homogeneous gas mixtures is not just a matter of putting the controlled flows of two or more gas streams together; for instance, if you need to dilute 1 mL/min of dopant with 10 L/min of dilution gas you cannot expect to obtain a homogeneous mixture unless an appropriate mixing chamber is used. Bronkhorst High-Tech have developed a series of special mixing chambers for such purposes. Please contact your local distributor to discuss the options for your application.

