Gas Mixing Chambers

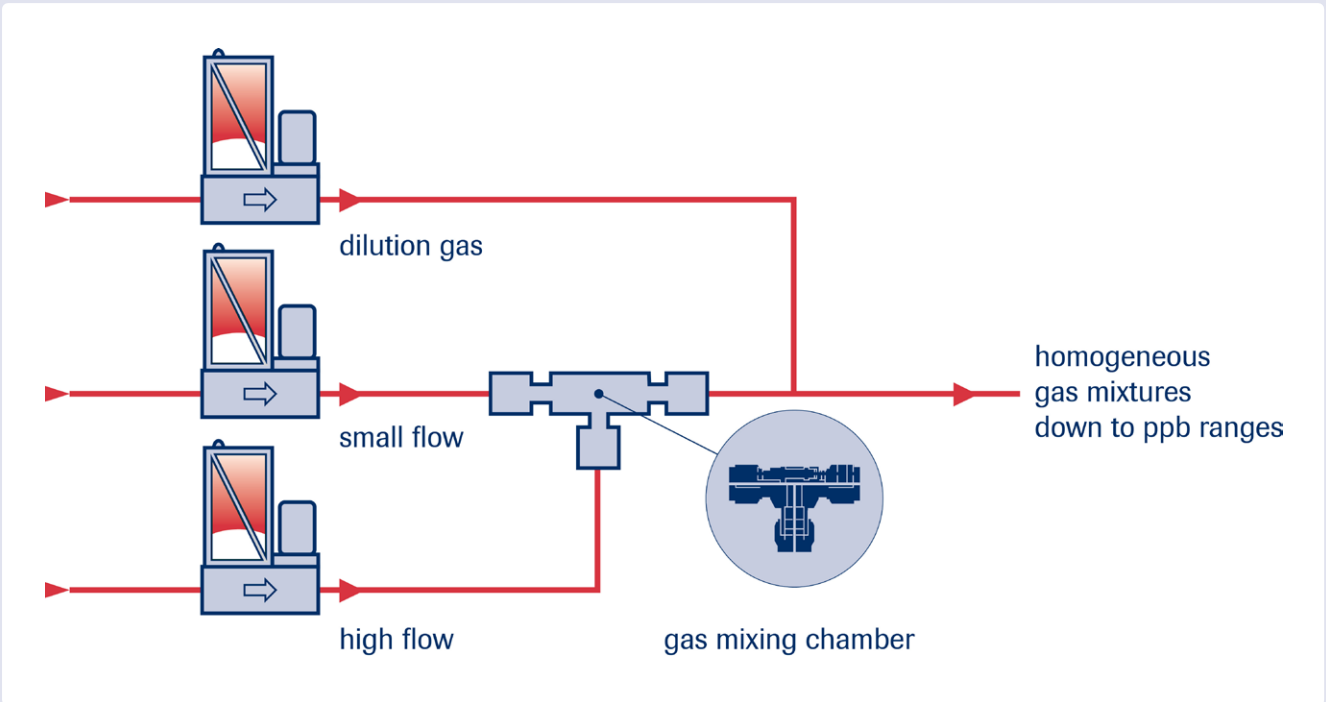
for creating Homogeneous Gas Mixtures

> 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_n/min of dopant with 10 l_n/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.



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