



Blending systems for the automated mixing of aromas, scent extracts or chemicals; separate tanks and lines are necessary for each base material.



Aroma mixing equipment with buffer stock in the background

Example of Application

Fricke Abfülltechnik GmbH & Co. KG - PVDF in batcher systems for the aroma industry

For nearly 140 years the Fricke Company has been offering technical solutions for precision measurement. Accurately calibrated weighing technology and high reproducibility are the quality features of the dosing and batching systems manufactured by Fricke. Complete customer satisfaction is the uppermost goal of the company.

D-32423 Minden www.frickedosing.com
Special machine design

The family-owned enterprise began in the 19th century as locksmith's shop, went on to produce decimal scales and balances for bulk goods and later batching systems for the paint and varnish industry, until finally specialising in the manufacture of dosing and batching systems for the perfume and aroma industry in 1980. In the last ten years, Fricke has established a subsidiary in the USA, invested in production facilities, warehouse and office buildings. Fricke employs approx. 50.

APPLICATION

SERTO products: **PVDF- unions 6 till 16 mm, PTFE-hoses, PTFE moulded hoses**

Installation: Connecting lines from the feed bins to the dosing valves

PARAMETERS

Medium: aromas, scent extracts, chemicals

Pressure: max. 1 bar

Temperature: till max. 60°C

The individual dosing hoses are conducted from the containers in the buffer stock to the aroma mixing system (right). It is important that each product is assigned to a separate hose so that the dosing material is not contaminated or modified in any way. From this dosing stock the desired mixtures are automatically batched via computer control, so that the composition remains consistent.

With its chemical resistance, PVDF and PTFE are universally applicable materials and ideal for this application as the customer specifications are very diverse and variable. Furthermore, the PTFE hoses or moulded hoses are adapted to the unions and can be obtained from the same supplier SERTO GmbH. The pre-moulded PTFE hoses are perfect for the application condition.

"Thanks to the consistently superior product quality, a high safety level is guaranteed, which is essential for an international company. We also attach great importance to the direct and individual customer support."
Stefan Rückert, Purchase, Fricke Abfülltechnik GmbH & Co. KG