

LABOCOL EX-24 pneumatic fraction collector

Applications

Compact, solvent resistant, pneumatically controlled fraction collector for explosion proof area. Use for rates up to 8.5 l/min



Special characteristics:

This fraction collector, designed for use in explosion proof rooms, is air controlled (2.5 - 3.5 bar). Its use is maintenance-free. It is made out of solvent resistant materials and can fraction in up to 24 different containers.

Technical construction

Basis instrument:

The basic instrument of the LABOCOL EX-24 consists of a cylindrical aluminium housing and compressed-air driven drive. It has a connection for the control line to the control housing. On top of the housing are placed the distribution plate with covering hood and the distribution arm made out of glass with mounting support.

Control unit:

The control housing supplied with fraction collector is connected to the basic instrument through the control line (pressure tube). A timer that allows control by time intervals of 3 seconds up to 100 minutes is integrated into the front panel. In addition manual control of fraction change by pressing a key is also possible.

Accessories:

As accessories we offer distribution plates (made out of PP, PE or PTFE) for 24 connections with 2 different tube nipple diameters (6 or 12 mm/flow rate: 1.5 or 8.5 l/min). Further, a maximum fraction number can be set with a fraction batching counter. A further external control allows switching of the LABOCOL EX-24 through air signals of approx. 1 - 2 seconds duration .

Technical specifications:

Controlling:	External pressure air (2.5 - 3.5 bar)
Fraction number:	24 tube connections (OD 6 or 12 mm)
Materials/distribution ring:	PP, PE or PTFE (according to choice)
Fraction mode note with your order:	internal time intervals: 3 seconds - 100 seconds 0.3 minutes - 10 minutes 3 minutes - 100 minutes external air signals with a approx. 1 - 2 seconds duration
Preset counter:	manual button for maximal fraction number (optional)

Ordering information

Art.no.	Product name (Application)(Version)
0.254001.0	LABOCOL EX-24, consists of basic unit with distributor made of PP for 24 connections, cover hood made of PVC, with control unit for time-based, pneumatic collecting, without connections for gas reservoir (MPLC)(HPLC)(STANDARD)(BIOCOMPATIBLE)
0.254050.0	24-fold distribution ring made of PP or PE, tube nipple OD 6 mm, for flow rate up to 1.5 liter/min
0.254051.0	24-fold distribution ring made of PTFE, tube nipple OD 6 mm, for flow rate up to 1.5 liter/min
0.254060.0	24-fold distribution ring made of PP or PE, tube nipple OD 12 mm, for flow rate up to 8.5 liter/min
0.254061.0	24-fold distribution ring made of PTFE, tube nipple OD 12 mm, for flow rate up to 8.5 liter/min
0.254090.0	preselction counter for max. fraction number
0.254095.0	external unit for control of LABOCOL EX-24 by external air signals (1 - 2 seconds duration; 2.5 - 3.5 bar) all (MPLC)(HPLC)(STANDARD)(BIOCOMPATIBLE)