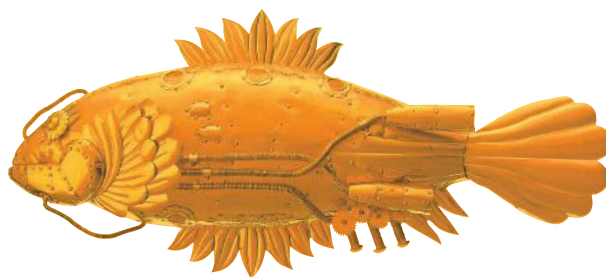


Shodex™



HPLC Columns

MANUAL

GPC KF-400 HQ

SHOWA
DENKO
EUROPE

Columns manufactured by Showa Denko K.K Japan
Made in Japan

Shodex HPLC Columns
Europe, Middle East, Africa, Russia

For technical support please use
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Operation Manual

Shodex™ GPC KF-400 HQ series

(Please read this manual carefully before using the column to ensure performance and life.)

1. Introduction

Shodex GPC KF-400 HQ series are small volume type high-performance HPLC columns for GPC.

2. Specifications

Packing material:	Styrene-divinylbenzene copolymer.
Column size:	4.6 I.D. x 250mm.
Exclusion limit:	Please refer to the operation manual for Shodex GPC KF-800 series.
Theoretical plate number:	(401~404HQ) 25,000 minimum. (405L~406LHQ) 10,000 minimum.
Maximum flow rate:	0.5 ml/min.
Recommended flow rate:	0.3 ml/min.
Maximum pressure:	(401~404HQ) 7.0 MPa. (405L,406LHQ) 0.5 MPa.
Maximum temperature:	45°C.
Recommended temp. range:	25~40°C.
Sample volume:	Injection volume should be less than one third of that for KF-800 series.
In-column solvent:	THF.

Note:

To get good performance, it is essential to use HPLC system with low dead volume.

Regarding other analytical conditions, please refer to the operation manual for Shodex GPC KF-800 series .