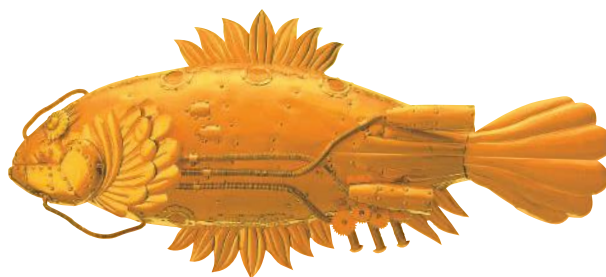


Shodex™



HPLC Columns

MANUAL

GPC CLNpak EV-2000

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
contact details shown below:

SHOWA DENKO EUROPE GmbH

Shodex Business
Konrad-Zuse-Platz 3
81829 Munich, Germany

E-mail: support@shodex.de
Phone: +49 (0)89 93 99 62 37
www.shodex.de

Operation Manual

ShodexTM CLNpakTM EV-2000

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

1. Introduction

CLNpak EV-2000 and EV-2000 AC are the clean-up GPC columns, which can be used with ethylacetate/cyclohexane and acetone/cyclohexane respectively.

Although it is quite easy to replace the in-column solvent, two types which are packed with different solvents are available for convenience.

2. Specifications

Type	Column size	In-column solvent
CLNpak EV-2000	20ø x 300 mm	Ethylacetate / Cyclohexane = 3/7
CLNpak EV-G (guard column)	20ø x 100mm	
CLNpak EV-2000 AC	20ø x 300mm	Acetone / Cyclohexane = 3/7
CLNpak EV-G AC (guard column)	20ø x 100mm	

Packing material: Styrene divinylbenzene copolymer

Endfitting: Internally-threaded type, No. 10-32 UNF

Usable maximum pressure: 2.5 MPa

Recommended flow rate: 4 to 5 mL/min.

Usable eluent: Acetone/cyclohexane = 1/9 to 5/5

Ethylacetate/cyclohexane = 1/9 to 5/5

When replacing the in-column solvent, use the flow rate of 2 to 2.5 mL/min. and pump the new solvent for two hours.