

Shodex™



HPLC Columns

MANUAL

RSpak RP18-415

SHOWA
DENKO
EUROPE

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

Shodex HPLC Columns
Europe, Middle East, Africa, Russia

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Operation Manual

Shodex™ RSpak™ RP18-415

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

1. Introduction

Shodex RSpak RP18-415 is a high-performance HPLC column for adsorption/partition chromatography. The column is suited for the separation of proteins and polypeptides.

2. Specifications

Packing material:	Styrene-divinylbenzene gel.
Column size:	ID 4.6mm x Length 150mm.
Theoretical plate number:	>3,000 per column.
Solvent packed:	CH ₃ CN/H ₂ O (95/5 vol.)
Endfitting:	Internally-threaded type, No. 10-32 UNF.
Column material:	SUS 316.
Max. flow rate:	1.5 ml/min *0.5 ml/min when replacing the in-column eluent.
Max. pressure:	200 kg/cm ² .
Max. temperature:	50°C.
Max. salt concentration:	0.5M in eluent.
Max. organic solvent concentration:	(CH ₃ CN, CH ₃ OH) 100% in eluent. (THF) 50% in eluent.
pH range:	1 ~ 13.

Caution! Do not abruptly change the column pressure or the flow rate while the liquid chromatograph is in operation.