

LJ02 Adjustable Connector Instruction Manual

V1.0.2

The connection between guard column and chromatographic column is very important in liquid chromatography system. The shorter the connecting pipe between the guard column and the column, the better, the inner diameter of the connecting pipe should be as small as possible. The LJ02 Adjustable Connector Instruction Manual is designed and produced by Dalian Elite Analytical Instruments Co., Ltd It has the characteristics of simple structure and convenient operation, which can meet the connection needs of the guard column and the column. When you receive the device, please carefully compare the purchase order, packing list acceptance of purchased items. If you still have any questions or difficulties, please contact your local agent or our company directly.

I. Summary

The LJ02 connector is a special part designed by Dalian Elite Analytical Instruments Co., Ltd to meet the connection between guard column and chromatographic column. The specific parameters are as follows:

Name	LJ02 connector
Material	SS316L, Peek
Size	OD1/16"×ID0.01" ×L46mm
Screw thread	10-32UNF
Silicone tubing	ID 1mm

II. Structure

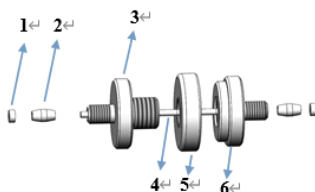


Fig 1. Schematic diagram of LJ02 connector

1. Protective cap (take off when using)
2. Peek biconical ferrule
3. Male screws
4. Stainless steel tube
5. Retaining rings
6. Female screws

III. Installation

3.1 The protective cap in the Figure 1 is only used to prevent the loss of the ferrule during transportation. It should be removed before use.

3.2 Connect the protective column with the chromatograph column as shown in Figure 2. When connecting, top the connecting pipe to the bottom and tighten the screws respectively to prevent leakage.

3.3 Because the outlet of the guard column does not need to be twisted frequently, one end of the stainless steel connecting screw of the LJ02 connector should be connected to the outlet of the guard column with a wrench to help tighten the connection.

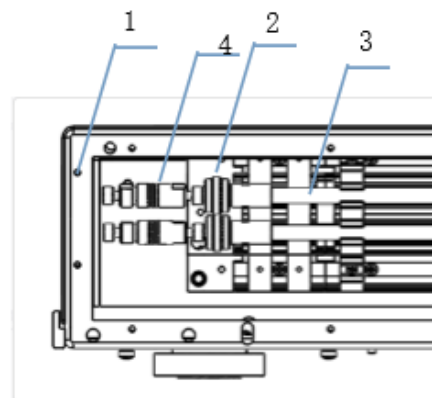


Fig. 2 Schematic diagram of LJ02 connector Using

1. Column Oven
2. LJ02 connector
3. Column
4. Guard column

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