CTS-A019

Manual Injection Valve Rotor Seal, Vespel®,
Comparable to Agilent® 0101-0623

Technical Data Sheet

1.0 Description

This rotor seal is designed to be compatible with Agilent® 1100 and 1200 HPLC systems. It is comparable to Agilent® part number 0101-0623.

2.0 Specifications

2.1 Operating Specifications

Pressure: Max 6,000 psi/400 bar
Operating Range: 4ºC - 80ºC
pH Range: 0-10

2.2 Wetted Materials

Vespel®
304L SS

3.0 Replacement Frequency

The rotor seal generally is not part of a required maintenance protocol. Indications that the rotor may need to be replaced are poor reproducibility of injection volume or a leak at the injection valve.

4.0 Installation Information

Sciencix parts are designed to be compatible and interchangeable with OEM parts. Please see instrument service manual for proper removal and installation procedure.

5.0 Operating Recommendations

The typical cause of failure at the rotor seal is wear of the Vespel® material. A major cause of wear is the use of buffered mobile phases. To help improve the lifetime of the rotor seal it is recommended that the system and injection valve be flushed with either the mobile phase without the buffer addition or with an aqueous solution. Be sure to toggle the valve through both the by-pass and inject positions to flush all of the mobile phase salts from the injection port.

6.0 Warranty

We view your business with us as a partnership based on mutual trust.

We extend a Lifetime Warranty against any manufacturing defects on all Sciencix HPLC repair parts. If a defect is identified, please contact us at 800.682.6480 or by email at sales@sciencix.com to report the issue. We will assist you with a resolution in a timely fashion.