

# CTS-12015



Rotor Seal & Pod Repair Kit, Vespel®, 3-Groove 3 pin for Acquity® Ever-flow Injector Pod/cartridge (700006057, 289003739 & 289006464)



## Technical Data Sheet

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### 1.0 Description

This rotor seal is designed to be compatible within Waters® ACQUITY UPLC® Sample Mgr, ACQUITY® Arc™ FTN-R injector pods.

### 2.0 Specifications

#### 2.1 Operating Specifications

Pressure: 17000 psi/1200 bar

Ambient Range: 4°C - 55°C

pH Range: 0-10

#### 2.2 Wetted Materials

Vespel®

### 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 and Sciencix technical bulletin 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 bypass 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](mailto:sales@sciencix.com) to report the issue. We will assist you with a resolution in a timely fashion.