

# TitanHT™

## HT703-100 & HT753-100

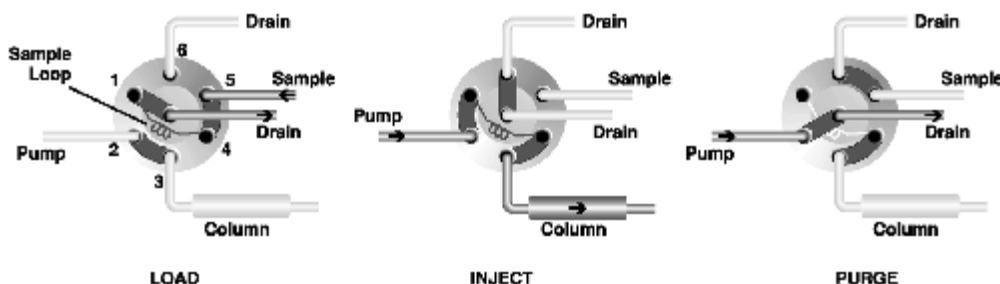
### 3 Position, 7-Port

#### *Description*

The HT703-100 is a stainless steel 3-position, 7-port motorized valve. The HT753-100 is the PEEK version.

#### *Flow Diagram*

The flow switching pattern of the valve is shown below. The seven small circles represent the ports in the stator. The dark slots represent the connecting passages in the rotor seal. A sample loop (not supplied) is attached between ports 1 and 4.



#### *Specifications*

**Liquid Contacts:** HT700-103, Stainless steel and PEEK. HT753-100, PEEK.

**Port Size:** Accepts 10-32 male threaded fittings

**Flow Passage Diameters:** 0.4-mm (.015") and 0.5mm (.018")

**Volume in Flow Passages:** *Stator (includes stator face assembly)*- 0.9-μL/hole,

*Rotor Seal*- 0.3-μL/groove

**Maximum Pressure:** 35 MPa (345 bar, 5000 psi)

**Position Sensors:** Optoelectric position sensors with encoder wheels

**RoHS-Compliant:** Yes

**Electrical:** Consult factory

**Separate Sale PCA PN: 8382-103**

**NOTE:** Shipping, storing or operating this valve below 0°C with water in the fluid passages may cause failure of the sealing surfaces.

*Dimensional Drawings on page 2*

# HT703-100 and HT753-100

*Dimensions are in inches[millimeters]*

