

ANALYTICAL/SEMI-PREPARATIVE INJECTION VALVE

WITH 20UL SAMPLE LOOP

It is a stainless steel two-position valve with needle injection port on the front side.

This valve offers the **No-Flow-Interruption** technology which reduces pressure spikes during position switching to a minimum. It has a built-in position sensor for starting data acquisition precisely at the point of injection.

The stator of the valve is made of stainless steel and features the Nitronic 60 coating on its working face which not only protects the contact surface from wear but also improves the abrasion of the stator and rotor.

The needle port can be used with standard microliter syringes (e.g. Hamilton) or plastic type blunt syringes (with PST3 needle point style) with 0.7mm needles.

The valve is standardly delivered with polymeric Valcon H rotor seal.



SPECIFICATION

TECHNICAL PARAMETERS:

Parameter	Analytical/Semi-Preparative Injection Valve
P/N	AVV02006
Maximal pressure	34.5 MPa / 345 bar / 5 000 PSI
Control	manual
Dimensions	d = 35 mm / 62 mm
Inside hole diameter	d = 0.4 mm
Capillary connection	UNF 10-32 standard thread
Material	stainless steel with Nitronic 60 coating, Valcon H
Starting switch	YES
Loop volumes	2 uL – 5 mL