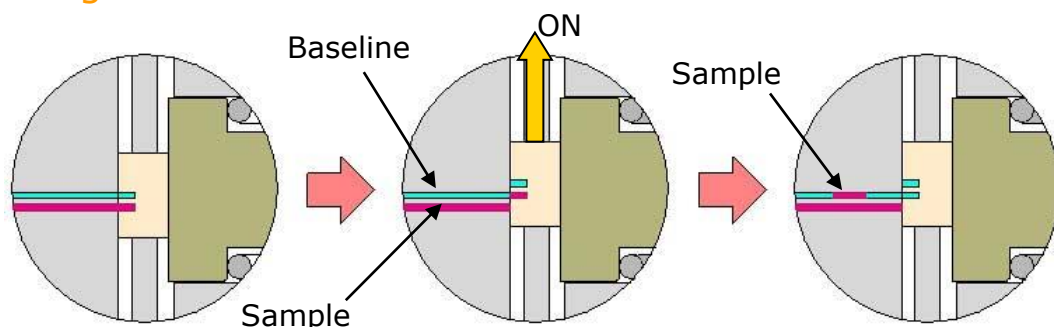


# Solenoid-driven Sample Injector



This is a solenoid driven injector for injecting a small volume of samples into a baseline in various analytical instruments, such as those for liquid chromatography. As it is driven by a solenoid, it is more economical and easier to operate compared to a conventional stepper motor driven injector.

## Image of the internal structure



## Features

- Volume of injection variable from 0.2 to 1.0 $\mu$ l
- Small with outer dimensions of L39.1 x W30 x H62.5 mm
- Controlled just by the ON and OFF operations of a DC power supply

## Specifications

Operating Pressure Range	0 - 300kPa
Port Connection	10-32UNF (Standard)
Voltage	12VDC, 24VDC
Power Consumption	18W
Duty Cycle	Intermittent (ED=15%)
Max. Continuous Energising Time	45 s
Wetted Materials	PTFE, PEEK, Al <sub>2</sub> O <sub>3</sub>
Lifetime	100 thousand operations (Experimental result)

Note: Specifications etc. may be changed at any time without notice.