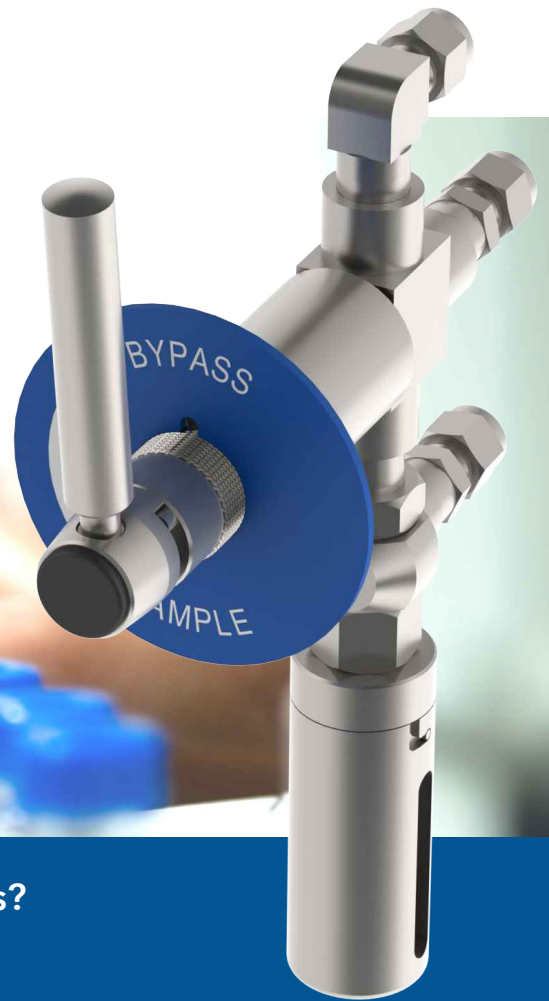


# Govosam Liquid Sampler

Miniature Sampler 2 & 10 ml  
Unique and smallest of the World



## Are you ready to get the best liquid sampling results?

- We guarantee to control your quality, preventing production loss
- Quality improvement by taking representative liquid samples
- Reducing costs by process optimization
- Closed loop design sampling systems, NO WASTE, NO POLLUTION, NO EMISSION

The GOVOSAM sampler from Mechatest is simply the smallest and best solution to take samples specific for laboratory and chromatography applications.

This unique samplers have a reputation for reliable service and provide accurate samples of many chemical samples, solvent mixtures (particularly aqueous mixtures), but also gasoline is typical the type of sample for which this sampler is ideal. It is this type of multicomponent mixtures for a successful sampling and analysis.



## KEY FEATURES

- Standard for 2 ml vials (others on request)
- Sampling directly under process conditions
- Low pressure application
- Representative sampling
- Minimal dead volume
- Closed loop sampling
- Different models for sampling volumes
- Two types of needles 0.6mm or 1.2 mm
- 316 stainless steel construction
- Option: Spring return handle

## BENEFITS

- Closed loop and emission free sampling.
- Safer for the operator and environment.
- Safer for the sample.
- Easy in operation and low maintenance.
- Typical alternative to Dopak sample type DPM.
- Spring return handles available for Swagelok, Fitok and Hoke ball-valves.
- Option for second bottle retaining clip and use the sampler with two kind of bottle volumes. (eg. bottle waste sample)

# Govosam Sampler Configurator

Build an GOVOSAM liquid sampler ordering number by combining the designators in the sequence shown below

Designators		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	-	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	
Example Ordering No.	GOV	-	1	0	T	0	0	-	T	1	0	0	X
Ordering No.		-						-					

## 1 BODY MATERIAL

- 1 316 SS (Standard)
- 2 Duplex
- 3 Hastelloy C-276

## 2 SAMPLE BOTTLE VOLUME <sup>(1)</sup>

- 0 2 ml (Standard)

## 3 SEAT MATERIAL (BODY)

- T Teflon® - PTFE (Standard)
- P PEEK

## 4 PROCESS NEEDLE LENGTH

- 1 0.6 mm outer diameter (inner diameter = 0.37 mm)
  - 2 1.2 mm outer diameter (inner diameter = 0.83 mm)
- (The needles are only available in 316 SS)

## 5 NEEDLE POINT STYLE

- 0 Lancet point (Standard)

## 6 SEAL MATERIAL (NEEDLE)

- T Teflon® - PTFE (Standard)
- V Viton® - FPM
- K Kalrez®
- B Buna-N

## 7 SAMPLER END CONNECTION

- 1 1/4" male NPT (standard)
- 2 Hoke® (direct connection)

(The needles are available in 316 SS (Standard), Duplex or Hastelloy C22)

## 8 VALVES SELECTIONS <sup>(2)</sup>

- 0 No Valve
- 1 Hoke® 3-Way Valve 1/4" female NPT
- 2 Hoke® 3-Way Valve 1/4" O.D. Gyrolok
- 3 Hoke® 3-Way Valve 6 mm O.D. Gyrolok
- 4 Hoke® 2-Way Valve 1/4" female NPT
- 5 Swagelok® 3-Way Valve 1/4" female NPT
- 6 Swagelok® 2-Way Valve 1/4" female NPT

## 9 SPRING RETURN HANDLE SELECTION

- 0 No spring return handle
- 1 3-Way spring return handle
- 2 2-Way spring return handle

## 10 OPTIONS <sup>(3)</sup>

- X No options
  - N NACE sour sample service
- (The sampler is available for sour sample service, all wetted parts in accordance with NACE MR0175/ISO15156)

- (1) The Mechatest GOVOSAM sampler is designed for 2 ml vials (standard diameter 11 mm) with cap and septum. Other vials and/or diameters available on request.
- (2) For Swagelok valve select for designator (7) the 1/4" NPT connection selection 1.  
For Hoke valve select for designator (7) the Hoke connection selection 2.
- (3) Select from the "options" designator one or more options and fill in all these letters in the same column.

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**Be part of the best solution**



Mechatest is a Certified Industrial Sampling Systems Company with over 26 years of experience in design and manufacturing of fluid sampling systems. We understand how a sample behaves at the sample tap and transport into the lab. We offer the best knowledge, equipment and sampling solutions in the field.