



**GEMÜ®**

VALVES, MEASUREMENT  
AND CONTROL SYSTEMS

## Expert in valve testing ■■■

GEMÜ is known as the market leader in developing, manufacturing, and selling engineered diaphragm valves since the establishment of our German headquarters in the early 1960's. GEMÜ products are well known for their modular design, high performance, and superior quality. With the use of the most modern methods of organization, every inquiry and order is carefully considered so that the customer can be offered the most suitable GEMÜ product to match the requirements.



GEMÜ your valve technology and instrumentation partner.

State of the art factory equipment and machinery plus a motivated team ensure the best service through world-wide network of distributors and stock holding subsidiaries. GEMÜ are constantly making investments in order to optimize existing products and to develop new products for various applications.



## Gemu provides ■■■

GEMU provides engineered control solutions for a large number of process and engineering plants, such as:

- Industrial Plant and machine construction
- Automobile industry
- Water / waste water treatment
- Chemical industry
- Steel works
- Mining and metal extraction
- Power stations
- Shipbuilding industry
- Petrochemical industry
- Paper industry
- Pharmaceutical and biotechnological industries
- Foodstuff and beverage industries
- Microelectronics and semiconductor industries



## Instruments and Accessories

Electrical Position Indicator

Intelligent Positioners

Flowmeter Limit Switch & Instrument Sensors

Pressure Gauges

Transmitters & Sensors

## Valves ■■■

Sanitary Diaphragm Valves

Industrial Diaphragm Valves

Globe & Control Valves

High Purity Valves

Clear Star PFA Valves

Butterfly Valves

Solenoid Valves



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## Fully automatic aseptic sampling system For liquids and pure steam

GEMU has developed a completely innovative system for sampling liquids (e.g. EFI, AP water) and pure steam, based on M-block diaphragm with compressed air allows a variably definable sampling amount thanks to the calibrated block volume. A second multi port valve with auto clamp capability and integrated GL45 connection thread for standard laboratory bottles is connected to the actual sampling multi-port valve. The connection is via an aseptic quick-action coupling. The sterilization time and sampling amount can be set individually via the touch screen of the PLC, thereby guaranteeing fully automatic and aseptic sampling



## Benefits of the system:

- Sampling of pure steam and liquids with just one system
- Microbiology flawless sampling via a closed system
- Automatic control of the sampling process
- Compact mobile system including control and integrated operating unit
- Variable and reproducible setting facility for the required sampling amount
- Individual adjustment of the sterilization time or rising time
- Reduction of potential scalding risks to the operating personnel
- Only compressed air (6 bar, max 20 C) and power (85 - 240 V, 50 / 60 Hz) are required on site
- Integrated pressure relief valve
- Connection to existing pure steam / water pipe can be easily implementer



**INTERSCAN**  
One **Stop** Industrial Solutions!

HEAD Office:

SATTAR Villa B 32 / I-C-1, Block 6, P.E.C.H.S.,  
KARACHI, 75400, PAKISTAN,  
PHONE: (92-21)34532131-33, FAX: (92-21)34532858,  
E-mail: INTERSCAN@INTERSCAN.ORG



LAHORE Office:

2ND FLOOR Classic Complex, 35-M,  
MODEL TOWN(EXT), LAHORE, 54700, PAKISTAN.  
PHONE: (92-42)35163570-2, FAX: (92-42)35203918,  
E-mail: INTERSCAN@INTERSCAN.ORG

[www.interscan.org](http://www.interscan.org)