

# VISCOpro2000 ATEX Gc Enclosure

rev. 6/5/2012




## Operating Principle

Where combustible vapors are present, electrical devices need to be isolated to prevent explosions. Cambridge Viscosity has introduced a new ATEX approved, explosion-proof electronics enclosure for its viscometers that enables our electronics to be in hazardous locations. The viscometer enclosure was created to meet the demands of challenging process environments in many industries.

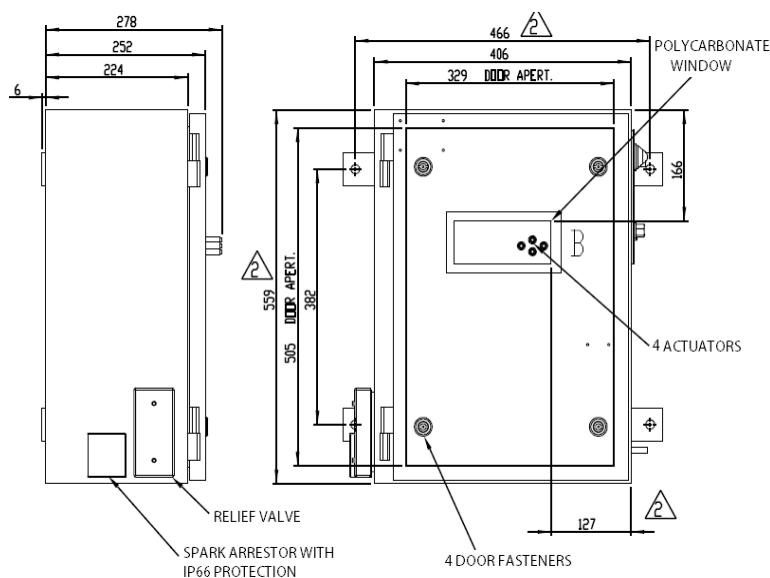
Cambridge's explosion-proof viscometer sensors have long been used in hazardous environments and with this latest development, users have immediate control of their sensors, even in hazardous settings. Cambridge's VISCOpro 2000 ATEX Gc utilizes a purged cabinet for electronic installations in hazardous environments to house Cambridge's famous VISCOpro 2000 electronics. Cambridge's entire viscometer system can be installed in Zone 2 environments where local display, interface and controls are necessary. Improving safety and control of complex chemical processes is important to Cambridge and with our new ATEX approved viscometer electronics, challenging work environments become safer.

## ATEX Approved:

Ex d ib pz IIB T4 Gc  II 3 G

## Key Features

- Initial purge flow removes gasses
- Post purge cycle maintains pressurization
- Full control of VP2000 through actuators
- Clear visual status indication
- Color coded alarm pressure warnings
- Remote alarm contacts for intrinsically safe circuits
- Four 4-20mA outputs
- Alarm alerts user and process line if viscosity goes out of range
- Data monitoring/collection/storage of viscosity, temperature, TCV, and control data in real time



## Specifications

Dimensions (L x D xH)	16" x 10" x 20"
Material	316ss
Supply Pressure	4bar (60 PSI)
Max Supply Pressure	8bar (115psi)
Inlet Connection	1/4" NPT
Temperature Range	-20°C to +55°C
Power	100-240 VAC, 50/60 Hz
Connection	1/2" O/D pipe, Max length 10m



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