



ساخت ایران



فن آوران الکترومکانیک کاسپین

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PVT-Cell & Micro-Cell & Viscometer Products Catalog

Caspian Electro Mechanic Technologists **CEMTCO**

www.cemtco.ir



Automatic PVT-Cell

A-PVT-2017

Volume of Cylinder : 250 cc
Pressure : 6000 -10000 - 15000 PSI

Volume of Cylinder : 500 cc
Pressure : 6000 - 10000 - 12000 PSI

Min. Inject or Reverse rate: 0.001 cc/Min

Max. Inject or Reverse rate: 32 cc/Min

Diaphragm Transmitter

Heater and Silicone Oil Bath: Up to 250°C

Magnetic Stirrer for Cell and Centrifuge Stirrer for Bath

Minimum Dead Volume : 1-3 cc

AC Servo Motor and Driver

HMI case view 360 degrees

Siemens PLC Base & Color HMI

Piston Seals with Polytetrafluoroethylene (PTFE)

Color Touch Panel HMI with Data Logger System

PID Temperature & Pressure & Volume Control System

Volume Control and Measurement System : Accuracy : 0.001 cc

Material of Cell : SS-304 - SS316L - Hastelloy - Titanium Alloy

Online View System :

Sapphire Glass & 8 Megapixel IP Camera & cold light & Capcher Softwaer

Options :

Pressure Transmitter with 1% FS

PC softwaer for control





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Manual PVT-Cell

M-PVT-2017

Volume of Main Cell : 120 cc

Pressure : 6000-10000-15000 PSI

Volume of Solvent Gas Cell : 240 cc

Pressure : 6000-10000-15000 PSI

Diaphragm Transmitter

With Capability joint to bath

With Capability joint to Magnetic Stirrer

Minimum Dead Volume : 1-2 cc

Piston Seals : Polytetrafluoroethylene (PTFE)

Piston Seals with Polytetrafluoroethylene (PTFE)

Material of Cell : SS-304 - SS316L - Hastelloy - Titanium Alloy

Temperature Measurement System for Tow Cell: Accuracy : 0.1 C

Pressure Measurement System for Tow Cell : Accuracy : 1 PSI

Volume Measurement System for Main Cell : Accuracy : 0.004 cc

Options :

Heater

Data Acquisition System

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Micro Cell

M-Cell-2017

Volume of Cell : 0.2 - 3 cc

Pressure : 6000 -10000 - 15000 PSI

Material of Cell : SS-304 - SS316L - Hastelloy - Titanium Alloy



Options :

Diaphragm Transmitter

Seals with Polytetrafluoroethylene (PTFE)

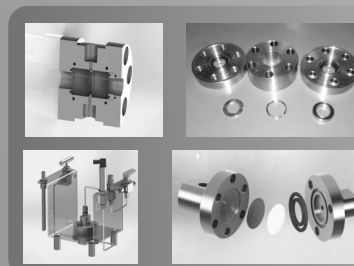
Pressure Transmitter with 1% FS

Bath System: Heater with Van

Data Acquisition System

Online View System :

Sapphire Glass & 8 Megapixel IP Camera & cold light & Capcher Softwaer



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Rolling Ball Viscometer

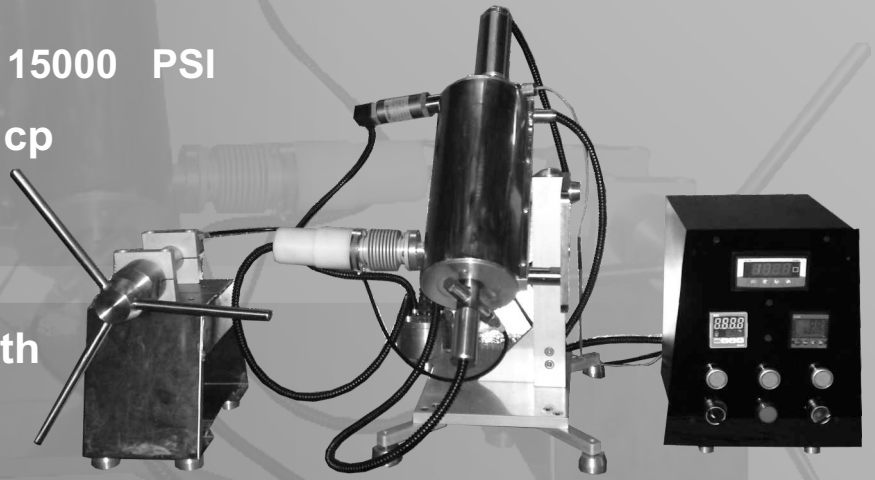
V-2017

Volume of Sample Cylinder : 20 cc

Pressure : 6000 -10000 - 15000 PSI

Viscosity : 0.2 to 10,000 cp

Slope : 23°, 45 °, 70 °



Centrifuge Stirrer for Bath

Diaphragm Transmitter

Heater and Silicone Oil Bath: Up to 250°C

Electronic Chronometer Accuracy : 0.01 s

PID Temperature Control System Accuracy : 0.5 C

Seals with Polytetrafluoroethylene (PTFE)

Material of Cell : SS-304 - SS316L - Hastelloy - Titanium Alloy

Options :

100 cc Manual Pump

Pressure Transmitter with 1% FS

Data Acquisition System

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دفتر رشت: کیلومتر ۷ جاده لاکان مرکز رشد واحدهای فن آور دانشگاه آزاد گیلان

تلفن : ۰۱۳-۳۳۴۰۲۳۰۳ فکس : ۰۱۳-۳۳۴۰۲۳۰۵

کارخانه رشت: کیلومتر ۱۰ جاده تهران - جاده شهرک صنعتی (کانال) روستای فشتام

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