

“Anton Paar: Pressure Cells for Simultaneous Rheological Testing”

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Photo:



New range of pressure cells available for the popular MCR Physica Rheometer Series

Anton Paar

New - Pressure Cells for Simultaneous Rheological Testing

Anton Paar has released a new range of pressure cells as an accessory to the popular MCR Physica Rheometer Series. In general most fluids and gels increase their viscosity with increasing pressure because the amount of free volume in the internal structure decreases due to compression. Therefore measurements carried out with the pressure cell can be useful to investigate process conditions such as crude oil production and pumpability of various dispersions.

To maximise performance the pressure cell range consists of four models. The Standard Pressure Cell (300°C, 150 bar), High Pressure Cell (180°C, 400 bar), Pressure Cell XL for High Sensitivity (80°C, 150 bar) and the Starch Cell with special stirrer (160°C, 30 bar). The pressure cell is an accessory for the cylinder temperature control devices. The pressure cell is fully closed to the environment and it can either be used as a self-pressurizing system or pressurized by using a gas tube or compressor.

Please contact Stuart Craig at MEP Instruments on 02 9878 6900 or e-mail sc@mep.net.au for further information.

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