

ABSTRACT

ALTERNATIVE PRESSURE VISCOMETER DEVICE

An apparatus and method for determining the viscosity and relative change of viscosity of a fluid over plural shear rates caused by a decreasing or increasing pressure differential resulting from fluid flow to a defined chamber in a capillary system. The flow of liquid through the capillary restriction, the pressure variation rate and known dimensions of the system can be used typically by a processor to determine a rheological property of a fluid.

Figure 1.