

# Relative Permeability devicing measuring unsteady state

The screenshot displays the RPS700 software interface, which is used for controlling and monitoring an oil permeability measurement system. The interface is divided into several functional areas:

- Experimental Setup Schematic:** Shows a central system with a Tank, XRP (X-ray Pump), Hand Pump, and Auto Confining unit. It includes various sensors for flow rate, pressure, and temperature.
- Flow and Pressure Data:**
  - Auto Confining:** -0.04 cc/min, 761 psi, 92.42 cc
  - Pressure:** 0.01 cc/min, 250 psi, 49.63 cc
- Temperature Data:** 755, 279, 248, 23.2, 24.4, and 102.60 °C.
- Flow Rate Data (Triple Readings):**
  - HTP\_100:** 1.000 cc/min, 279 psi, 39.72 cc, 23.44 cc
  - HTP\_200:** 0.000 cc/min, 279 psi, 20.58 cc, 115.44 cc
- Record Window:** Contains options for 'Next picture', 'Interface Detection' (Detection enable, Filter enable), and 'Camera' settings (Auto-tracking, Z Coord, Steps).
- System Status:** A 'Shoot' button and a '102.60' value are visible.

The interface also features a 'Vinci Technologies' logo and a series of 'Valeur' (Value) indicators at the bottom, ranging from 0.000 to 0.000. The taskbar at the bottom shows the Windows Start button, several open applications (VisionAcq, RPS700, RSLinx), and the system clock (17:18).

## Centrifuge Picture measuring Wettability

