

Steady State Liquid Permeability

The robust liquid permeameter allows the determination of a plug-sized core sample's absolute permeability at ambient temperature and moderate confining pressure. This is achieved by virtue of the steady-state method; specifically, permeability is obtained by inputting the measured pressure gradient and flow rate into Darcy's law for one dimensional flow in porous media.



| Specification | SLP-R01 |
|-------------------------------------|----------------------|
| Working Temperature | Ambient |
| Pore Pressure | Up to 6,000 Psi |
| Confining Pressure | Up to 6,500 Psi |
| Core Diameter | 1.5" |
| Core Length | 2" to 4" |
| Core Holder Position | Horizontal |
| Pressure Tap | Inlet of Core Holder |
| Pressure Accuracy | 0.5% F.S. |
| Number of Accumulators | 1 |
| Wetted Parts Material | Stainless Steel 316 |
| Input Power Supply | 220 VAC, 50Hz |
| Hydraulic Hand Pump | ✓ |
| Hassler Type Core Holder | ✓ |
| High Pressure HPLC Pump is Included | ✓ |

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