

HPHT-Micro Model

Micromodels can be used to study the flow behavior on a pore scale. They are patterns of a porous medium etched on a silicon or glass surface and hence are representative of the two dimensional structure of the porous medium. Micromodels have been extensively used to study the flow behavior in multiphase flow, oil-foam interaction studies, solution gas drive, contaminant hydrogeology, etc. The patterns used in the construction of the porous medium may be prepared from thin sections of the porous medium to actually represent the medium or in several cases are geometrically constructed as series of repeatable simple or complex geometric figure aggregates.

Features:

Max. Pressure	1500 psi
Pressure Accuracy	0.05% FS
Wetted Material	SS-316
Max. Temperature	100 C
Power Supply	50 Hz, 220 V
Glass Size	10*17 cm ²

