

# Chip Identification Sheet

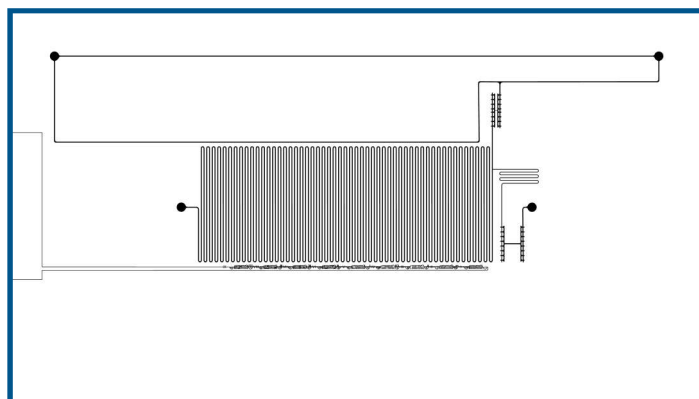
Standard Library



## CCE S100 Chip

### Constant Composition Expansion (CCE) Chip

The CCE S100 Chip, coupled with our Constant Composition Expansion (CCE) test procedure, measures the bubble point of a live black oil at reservoir conditions or the dew point for retrograde condensate reservoirs. The test can easily be done at multiple temperatures, and provides input for equation of state (EoS) models.



Chip Profile	
Dimensions	38 x 21 x 2.75 mm
Components	Silicon Base 1.00 mm Glass 1.75 mm
Supports	
Chip Holder	Liquid Confined
Ports	6

Channels	
Inlets Excluding Water/Gas/Oil	50 $\mu$ m wide 50 $\mu$ m deep
Inlets Water/Gas/Oil	30-50 $\mu$ m wide 1.5 $\mu$ m deep

### Fluid Analysis Applications

Constant Composition Expansion (CCE)  
Constant Mass Expansion (CME)

SKU 300009