

Malvern Panalytical MicroCal PEAQ-ITC

Specifications

Items	
Measurement type	Affinity ( $K_D$ ) Enthalpy $\Delta H$ Entropy $\Delta S$ Stoichiometry (n)
Sample volume	280 $\mu\text{L}$
Cell volume	200 $\mu\text{L}$
Injection syringe volume	40 $\mu\text{L}$
Injection volume precision	< 1% @ 2 $\mu\text{L}$
Sample throughput	0-12 per 8 h day
Cell material	Hastelloy
Cell	Coin-shaped
Noise	0.15 ncal/s
Temperature range	2°C to 80°C
Response time	8s
Multiple feedback modes	Passive, High gain, Low gain