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## MicroCal iTC200 System

**Price:**

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**Product code:**

SYS80001

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### MicroCal iTC200 System

Application	Characterization of molecular interactions of small molecules, proteins, antibodies, nucleic acids, lipids and other biomolecules Lead optimization Enzyme kinetics Assessment of the effect of molecular structure changes on binding mechanisms Assessment of biological activity
Cell Configuration	Coin-shaped
Cell Material	Hastelloy™
Cell Volume	200 µl
Dimensions	21.0 x 33.7 x 34.9 cm (W x H x D)
Equilibration Time	< 6 min <sup>1)</sup>
Feedback Modes	Yes (passive, high gain, low gain)
Injection Precision	< 1% at 2 µl
Noise	0.2 ncal/s <sup>2)</sup>
Response Time	10 s <sup>3)</sup>
Sample Volume	280 µl
Syringe Capacity	40 µl
Temp. Range	2°C to 80°C
Temperature Stability	±0.00015°C at 25°C
Throughput	8 - 12 per 8 h day

<sup>1)</sup>From 25°C to 5°C

<sup>2)</sup>Cell temperature = 25 °C, no feedback, 5 s filter period, stir speed = 1000 rpm

<sup>3)</sup>High feedback