Transdermal Diffusion Meter



Introduction:

BK-TP6 Transdermal Diffusion Meter is a standard laboratory instrument for determining the rate and extent of penetration of pharmaceutical preparations through viable animal skin. It is widely used to screen formulations with transdermal absorption potential.

The instrument adopts a microcomputer control system, a fully digital circuit, a high-precision temperature sensor and a constant-temperature water bath. It provides stable temperature control, uniform stirring performance, simple operation and precise, reproducible data. Its performance fully complies with the relevant national pharmaceutical industry standards, making it well suited to pharmaceutical enterprises, institutes for drug control and university pharmacology laboratories.

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E-mail: export@biobase.com
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Features:

* Six-cell parallel testing to improve experimental efficiency.
* High-precision water-bath thermostat ensures stable, reproducible test results.
* Adjustable stirring speed to suit the diffusion requirements of different formulations.
* Digital display of temperature, rotation speed and timer for intuitive operation.
* Designed in conformance with the pharmacopoeial requirements for transdermal release testing.

Technical Parameters:

Model	BK-TP6
Transdermal Cells	6 pcs
Capacity of Cell	15 ml(Standard)
Temperature Control Range	RT~40 ℃
Temperature Control Accuracy	±0.1 ℃
Stirring Speed Range	100~800 rpm
Speed Accuracy	±5%
Power Supply	AC220V,50/60Hz(Standard); AC110V,60Hz(Optional,external transformer)
Consumption	360 W
Package Size(W*D*H)	440* 420 *400 mm
Gross Weight	11.4kg