

# Microhematocrit Centrifuge

**MODEL: CH1345**

Fast, Reliable Packed Cell Volume Determination for Clinical and Veterinary Workflows

The CH1345 is a compact, high-speed microhematocrit centrifuge built for fast, reliable packed cell volume (PCV) determination in clinical and veterinary workflows. It spins up to 12,000 rpm, generating a maximum relative centrifugal force of  $13,500 \times g$ , with rotational speed held to within  $\pm 30$  rpm for consistent, repeatable results run after run.

## SPECIFICATIONS

|                                  |                                 |
|----------------------------------|---------------------------------|
| <b>Max RPM</b>                   | 12,000 rpm                      |
| <b>Max RCF</b>                   | $13,500 \times g$               |
| <b>Maximum Capacity</b>          | 24 capillaries                  |
| <b>Rotational Speed Accuracy</b> | $\pm 30$ rpm                    |
| <b>Timer Range</b>               | 1-7 minutes (Default 3 minutes) |
| <b>Noise Level</b>               | <65 dB(A)                       |
| <b>Power Supply</b>              | AC 220V 50Hz                    |
| <b>Dimensions</b>                | 230×310×240mm                   |
| <b>Gross Weight</b>              | 9kg                             |
| <b>Rotor</b>                     | <b>24-place</b>                 |
| <b>Certification</b>             | CE                              |

## Simple, Reliable Operation:

Straightforward controls and fixed-speed operation minimize user error and make it ideal for routine, high-throughput clinical workflows.



## KEY FEATURES

### Fixed 12,000 RPM Operating Speed

Delivers fast, consistent packed cell volume (PCV) determination with no speed adjustment required, ensuring reproducible results across every run.

### Adjustable Timer (1-7 Minutes)

Flexible timer with a preset 3-minute default supports standard clinical protocols while giving operators the ability to customize run times for specific applications.

### Optimized for Microhematocrit Capillary Tubes

Specifically designed to accommodate standard microhematocrit capillary tubes used in clinical, veterinary, and research laboratory settings.

### Compact Benchtop Design

Space-saving footprint makes it easy to integrate into busy lab environments without sacrificing capacity or centrifugation performance.

## APPLICATIONS

Clinical Diagnostics

Research

Veterinary Diagnostics

PCV Analysis