



Cypher One™ Automated Hemagglutination Analyzer

Data Integrity for the 21st Century

Cypher One is a new tool for rapid automated analysis of hemagglutination (HA) and hemagglutination inhibition (HI) assays. Until now interpretation of HA and HI assays required specialized expertise to accurately read and manually record the data, with experienced users often differing in their interpretation of the titer value. The Cypher One system will not only standardize analysis but also provide a digital, traceable record to enhance data quality and reliability.



Key Features and Benefits

Simplify Analysis

Analysis of hemagglutination and hemagglutination inhibition assays is notoriously subjective. Why not utilize an instrument that automates and simplifies analysis.

Enhance Data Integrity

Are you capturing an image of your HA and HI plates that is tied to the sample IDs, results, and assay variables? Enable compliance with 21 CFR Part 11 and Annex 11 data integrity recommendations.

Reduce Risk

The degree of variation between laboratories and technicians is a significant problem. Reduce your risk by minimizing human error with Cypher One.

Cypher One Technical Specifications

Instrumentation

Spatial Resolution	42 µm
Signal Resolution	8 bit
Electrical Supply	100-240V, 47-63 Hz
Dimensions, length x width x height	21.5" x 11.5" x 7.5"
Weight	13.6 pounds

System

Imaging Time - single plate	40 seconds
Operating System	Windows 10

Operating Environment

Temperature	+15°C to +35°C
Humidity	10% to 75% non-condensing

Temperature Requirements

Storage Temperature	+5°C to +40°C
Shipping Temperature	+5°C to +40°C