The Laminar Wash™ MINI System
Affordable Centrifuge-less Sample Preparation for Flow Cytometry and Single Cell Sequencing

The Laminar Wash MINI System employs the only suspension-cell sample preparation method that eliminates the centrifuge and the problems it introduces. It is an affordable bench-top instrument designed to produce the most quantitative and reproducible results for single cell sequencing and flow and mass cytometry.

- **Increased Cell Retention**
  For splenocytes and TILs or with rare populations of cells. Reliably high cell retention even with 100’s of cells per well
- **Rapid Time to Process**
  The system processes 16 samples in 6 minutes
- **Better Sequencing Data**
  Reduced background with more thorough wash.
- **No Pelleting of Cells**
  Reduces doublets, clumping, and clogging.
- **Standardized Results**
  Reduces manual pipetting errors and errors associated with multiple personnel changes and locations
- **Higher Stain Index**
  For better resolution of populations
- **Cleaner Data**
  Improved cell segregation and resolution; Reduces debris and aggregation of cells
- **Affordable with a small footprint**

“The mini-washer allows us to achieve consistent results with less hands-on time and provides superior cell retention compared to the centrifugation of samples.”

Proteona, International CRO offering single cell proteo-genomic analysis
Small, precious samples are retained and quality preserved with Laminar Wash™

Data from Proteona a CRO who uses Laminar Wash™ MINI System by Curiox for all of its clinical samples

**Reduced Cell Loss**
Laminar Wash System improved cell retention

<table>
<thead>
<tr>
<th>Starting cell number per sample</th>
<th>Laminar Wash</th>
<th>Centrifuge</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,000,000</td>
<td>80%</td>
<td>40%</td>
</tr>
<tr>
<td>200,000</td>
<td>80%</td>
<td>40%</td>
</tr>
<tr>
<td>40,000</td>
<td>80%</td>
<td>40%</td>
</tr>
</tbody>
</table>

With low cell numbers often obtained in clinical samples, eliminating cell loss is key to successful experiments.

**High quality data**
Laminar Wash System–prepared sample produces high quality single cell proteogenomics data

Proper cell washing leads to repeatable, high-quality clinical data. Combined with high-quality analysis tools, such as provided by MapCell™, data from small clinical samples can be unlocked.

"With the Curiox Laminar Wash™ we retain more cells with much less data variation between samples than our centrifuge process."

Dr Jorgen Adolfsson, Linkoping University

**Dimensions**
232 mm H x 275 mm W x 187.5 mm D
9.1 in H x 10.8 in W x 7.4 in D

**Weight**
3.5 kg

<table>
<thead>
<tr>
<th>Product</th>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laminar Wash™ Mini1000 Station</td>
<td>DC-1000-08-01</td>
<td>Laminar Wash™ Mini1000 washing station of 8-well format for flow cytometry</td>
</tr>
<tr>
<td>Laminar Wash™ 16-well strip</td>
<td>16-DC-CL-10</td>
<td>16-well, coating for flow cytometry assays, non-sterile, 10 PACK</td>
</tr>
</tbody>
</table>

Go centrifuge-free and accelerate your biology at curiox.com