Cyclone Method Coolant Cleaning Device

HIGH EFFICIENCY

CLEANING CAPACITY 10μm
- Setting Pressure 0.15MPa
- Lapping Powder #800 Specific Gravity 3.9
- Cleaning Efficiency 95%

ANTI-FOAM
Patent Pending
No Anti-Foam
With Anti-Foam

LOW-ENERGY
Low Pressure Loss

DURABILITY
- Stainless steel
- Wear-resistant nozzles
- Long life

SPACE-SAVING
Compact design saves space
With Transparent Window

USES
- Coolant for Grinding
- Coolant for Grinding
- Coolant for Rolling
- Coolant for Cold Roll Forming
- Coolant used by Coolant Cleaning Devices

Sumitomo Heavy Industries Finetech, Ltd.
Cyclone Method Coolant Cleaning Device

◆ Layout Drawing

![Layout Drawing](image)

*FC-2 has a hook for lifting.

◆ Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>FC-05</th>
<th>FC-1</th>
<th>FC-2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Processing Volume (L/min)</td>
<td>50~75</td>
<td>125~165</td>
<td>230~260</td>
</tr>
<tr>
<td>Pressure (MPa)</td>
<td>0.14~0.22</td>
<td>0.11~0.20</td>
<td>0.16~0.22</td>
</tr>
<tr>
<td>Cleaning Volume (L/min)</td>
<td>50~85</td>
<td>115~155</td>
<td>215~245</td>
</tr>
<tr>
<td>Main Body Weight</td>
<td>13kg</td>
<td>26kg</td>
<td>51kg</td>
</tr>
<tr>
<td>Coolant Type</td>
<td>Water Soluble Coolant</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Sludge tank is optional.
- Regarding pump selection, please consult with us.
- Our company has experience in both designing and building unit products. Please contact us anytime with questions.

◆ Suitability Cautionary Points

- Regarding oil-based, please consult with us.
- When sludge is fine, please consult with us.
- When specific gravity is small, please consult with us.
- When density is heavy, please consult with us.
- Lower-part nozzles exchange type is also available. Please contact us for details.

◆ Sludge Tank Assembly Layout Drawing

![Sludge Tank Assembly Layout Drawing](image)

With FC-05 Sludge Tank

With FC-1 Sludge Tank

With FC-2 Sludge Tank

◆ Safety Cautionary Notes

- Before using, carefully read and understand the Operation Manual.

*We reserve the right to make changes to machine specifications without prior notice.*