

EcoMultiCyclone Plug&Play

TESTING UNDER REAL-LIFE CONDITIONS

Quickly and simply determine the separation efficiency

The **EcoMultiCyclone** stands for powerful dedusting and degreasing in the pretreatment zone. The technology cleans particles out of the pretreatment baths so efficiently that a significant reduction of the particle load is achieved. The high cleanliness of the bath is a fundamental requirement for a residue-free car body surface, and it is therefore the basis for high-quality coating results in all successive processes. Dürr delivers the **EcoMultiCyclone** in two models for differing particle sizes. A separation of the solids up to 100% stands for excellent bath quality.

Mobile testing by Plug&Play

Dürr offers the **EcoMultiCyclone** as a pre-installed test station in order to enable a simple demonstration of its functionality. With the Plug&Play execution, you can evaluate your process. The mobile unit is simple to integrate into the existing processes and is used for quick, on-site calculation of the degree of separation under the process conditions. Therefore, you can determine how you can increase the quality of your bath.



» *EcoMultiCyclone: Micro & Nano*

Advantages of the EcoMultiCyclone Plug&Play

- » Quickly identify the separation efficiency
- » Testing under real-life conditions
- » Simple integration into existing plants
- » More planning reliability
- » Higher bath quality for a higher surface quality

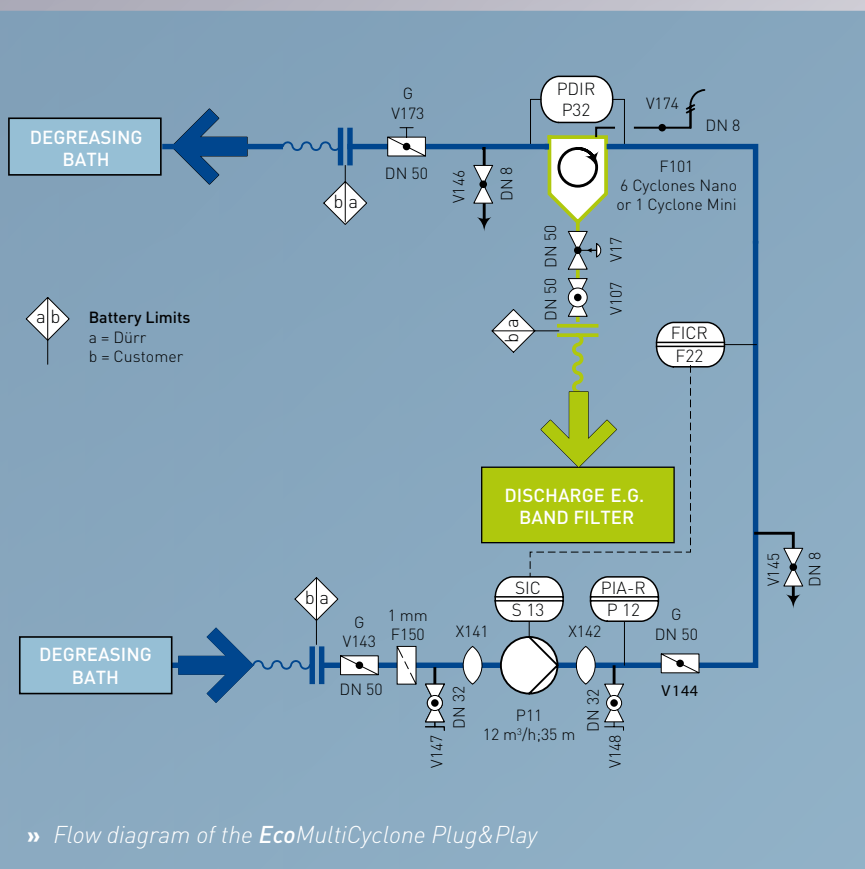
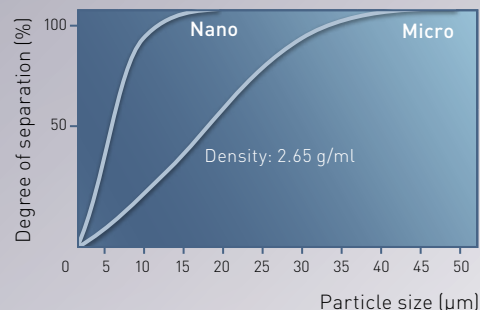
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Plug&Play – the test installation

EcoMultiCyclone Plug&Play is a smaller version of the **EcoMultiCyclone** for test purposes. The mobile unit consists of a fully serviceable system including pump, piping, control system, and one boiler each for the use of Micro or Nano cyclones. The boilers have a capacity of 10 m³/h.

In order to test the differing separation efficiencies, they can be applied optionally. For this purpose, a partial flow of the bath is diverted and cleaned via a bypass.

The results of the analysis can be scaled to fit the overall plant as shown below.



Maximum dimensions of the mobile unit, incl. cyclone

h = approx. 2,000 mm

w = approx. 1,000 mm

l = approx. 1,500 mm

At any location – at any time

Through the global presence of Dürr Service Centers, quick implementation can be guaranteed at any location. Our service partners will accompany you on site during implementation and analysis.

Your contact

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