

Nunc EPA-TEC Instruction

Automatic Cell Factory Manipulator (ACFM)

Large Scale Cell Culture Systems



The system consists of:

- 1 ACFM
- 1 Cart with rack



The rack with 4 x CF40 is placed on the forks of the ACFM. The 4 x CF40 are interconnected by a tubing system (Medium Distribution Kit) whereby they can be operated as one unit, which means that you obtain a total growth area of 10 m².

Large Scale Cell Culture Systems



Filling position:

The rack with 4 x CF40 are lifted from the cart into the filling position.



Filling:

Cell Factories in filling position. The Cell Factories are filled one by one from the bottom by releasing the clamps to the individual Cell Factories.

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The filled Cell Factories are put back on the cart.



The cart with filled Cell Factories are placed in the incubation room.

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Emptying:

The Cell Factories can now be emptied either one by one or all at the same time.



Shaking:

The ACFM has an adjustable shaking operation which facilitates the trypsinization of cells.