

schuett **PickMaxX**

The Picking-Tool for Cell Colonies



High Efficiency

schuett PickMaxX Clone Picking-Tool

The schuett PickMaxX Picking-Tool® is a handheld device for manually transferring cell colonies to multiwell plates as well as a manually operated inoculating device.

It's performance almost compares to that of a low-cost Picking Robot, but at a fraction of its cost.

The tool features a lightweight mobile part with a plastic cover suitable for disinfection with alcohol. It comes complete with a non-skid base-station, which holds the mobile part plus one complete set of Pick-combs.

Unerring picking, i.e. for specific individual colonies:

- **high working efficiency compared to using toothpicks**
- **more safety against cross-contamination**
- **low-cost version of a picking robot**
- **quick in-between screens, no setup time needed**
- **bridges down-time of the picking robot**

Ordering Information

PickMaxX Picking-Tool

Size (w x h x d)

Weight:

Cat.-No.

3.685 002

approx. 80 x 80 x 30 mm

approx. 0.094 kg (tool)

approx. 0.750 kg (basis)

Accessories

PickMaxX combs 96er-size, sterile

(qty=10 sets á 16 combs)

PickMaxX combs 384er-size, sterile

(qty=10 sets á 16 combs)

PickMaxX multiwell plate, 96er-size

PickMaxX multiwell plate, 384er-size

3.685 102

3.685 112

3.685 302

3.685 312

Serial Inoculation

Description:

Compared to individually picking of single colonies from a Petri dish and transferring them to the multiwell plate with a toothpick, the schuett PickMaxX may pick up to 24 colonies in a row and transfer them all at the same time to the multiwell plate.

This highly increases the efficiency of the process as well as the throughput. A multiwell plate, 384-size can be completely inoculated within approx. 15 minutes. Ideal for the quick expansion of laboratory capacities.

Sterile disposable combs are used for picking cell colonies, which allow for serial inoculation in all standard multiwell plates (96-/384-size).

Quick screens in-between are possible. No setup time required as compared with a picking robot. The PickMaxX is useful in bridging down-time (servicing) of a picking robot.

Accurate & Rapid

Application:

To start with, a disposable comb is taken from the dispenser and inserted to the inlet of the schuett PickMaxX until an audible click can be noticed.



Typically the agar plate is held in the operator's left hand allowing for a full view of the agar surface. The right hand holds the PickMaxX allowing the index finger to freely push the lever thereby advancing the comb with the individual foil tips. Each tip will then be used to pick one clone.

The resulting serial picking of clones allows for transferring complete clone series in one uninterrupted work cycle.

Due to the optimized geometry of the schuett PickMaxX, it is well suited for use with all standard agar plates and ideal for picking especially close to the outer rim of Petri dishes.

If needed, the operator may concentrate on a specific area of the agar surface. Since there is no interruption in viewing the agar surface picking the same clone twice can be avoided with absolute certainty.

After all foil tips of a given comb carry a clone the entire comb will be removed from the PickMaxX and placed into the multiwell plate. There the combs are placed in one row after the other. The result is a quick and error-free means of transferring clones to multiwell plates.

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