



Colony picking with

the Pickolo™ Colony-Picker.

APPLICATION PACKAGE

Automate the most labor-intensive step of your cloning experiments

Eliminate the time-consuming, repetitive and error-prone manual colony picking processes that are a frequent cause of frustration and bottlenecks. The integrated SciRobotics Pickolo Colony-Picker module, designed specifically for the Freedom EVO® platform, enables reliable picking of a large variety of micro-organisms, allowing you to save valuable staff time and benefit from consistent results for every run, every experiment and across different labs.

Bring source
plate from stack
to light table

Capture
and analyze
image

Bring col-
lection plate
from storage

Fill wells
of collection
plate

Pick colonies

Inoculate in
collection
plate

Transport
plate back
to stack



What can I use it for?

This application package automates the complete workflow, from colony identification and picking to inoculation of collection plates.

- Pick colonies from up to 45 Petri dishes
- Inoculate up to 6 x 96-well collection plates per run
- Pick up to 576 colonies/h, depending on your task
- Accurately pick bacteria, yeast, algae, mycelia and mammalian cell colonies
- Pick colonies from different media types, including LB, chocolate or blood agar and semi-solid media
- Fill collection plates with media
- Secure colony tracking
- Choose between fully automated picking based on predefined criteria or interactive colony selection during the run time
- Choose the number of colonies you want to pick/plate



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mycelia and
mammalian
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Pick up
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per hour

What is included?

Freedom EVO® 150 platform

- Eight-channel Air LiHa
- Robotic Manipulator Arm for automated plate and lid handling
- All required carriers and labware

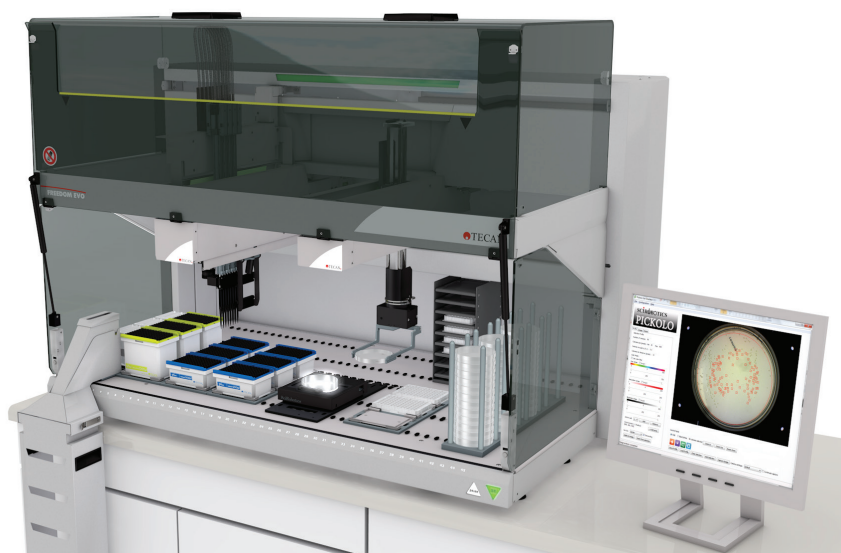
Pickolo Colony-Picker

- Aluminium back-light carrier
- High resolution camera

All necessary software

- Ready-to-run template script

Installation and customer training



For research use only - not for use in diagnostic procedures.

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SCIROBOTICS

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