

## icColony, Colony Imager

icColony is a colony imager that takes images of biological colonies growing on Petri dishes.

The instrument has simple, yet optimal optical scheme. It consists of LED light sources equally that provides equally diffused lighting over specimen in the up to  $\varnothing 90$  cm Petri dish.

The 5MP camera has controllable parameters like focus, exposure, etc.

The instrument can be connected to a PC or a mobile application for further image analysis.

Colony imagers allows to perform following studies:

- Take quality images for colony counting analysis
- Take time-lapse images
- Transillumination with white light
- Easy setup and image taking
- Single channel fluorescence option available (e.g. Fluorescent protein expression)



### Specifications

Type of illumination	Transillumination
Light source	Cold White LEDs
Interface	USB or Wireless
Camera	5 MP
Focus	Manual and Auto
Exposure	Controllable
Dimensions (WxDxH)	200 × 200 × 200 mm
Weight	1 kg
Power	Input AC 100–240 V 50/60 Hz, Output DC 12 V

### Sample of images taken

