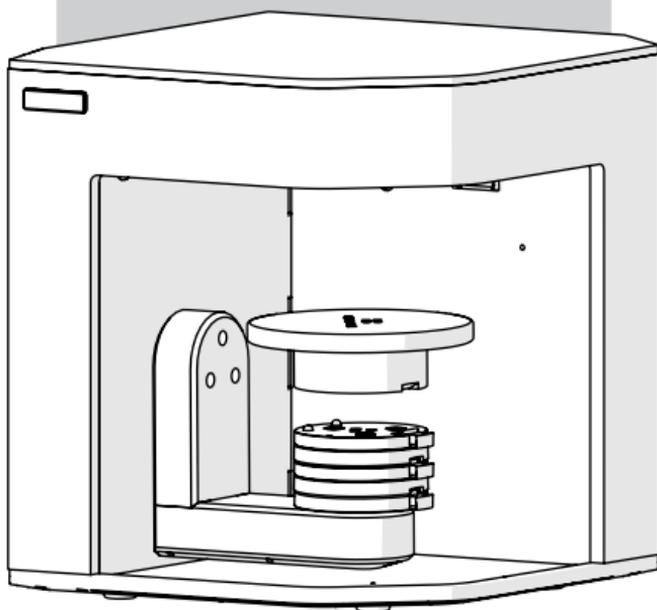


ARTEC MICRO



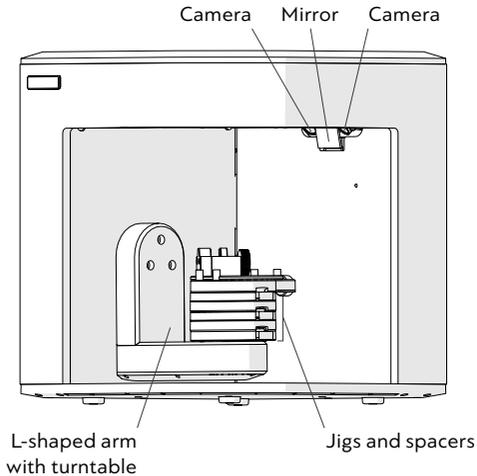
QUICK START GUIDE



THANK YOU
FOR YOUR PURCHASE OF
ARTEC MICRO

If you need assistance with your scanner, contact your local reseller or the Artec support team: support@artec3d.com.

Product Overview



Specifications

Machine dimensions	290×290×340 mm
Scanning area	90×60×60 mm
Interface	USB 3.0
Power consumption	120 W (24 V)
Operating temperature	22 °C to 28 °C
Relative humidity	20% to 75%

More specifications at www.artec3d.com.

What's in the Box

- Calibration panel with silicone lid
- Jig set (see *How to Install Jigs*, p.10)
- Adhesive putty (*Blu Tack*)
- USB cable
- Power cable with adapter
- Protective mat
- Fuse (2 pcs.)
- Filter for vent

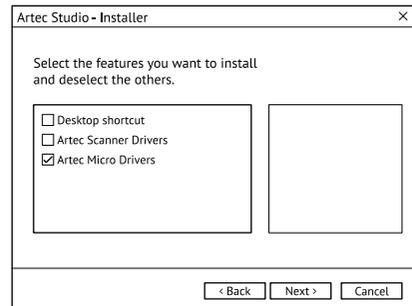
HOW TO USE ARTEC MICRO

Install Artec Studio

You must install drivers for Micro before connecting it to your computer.

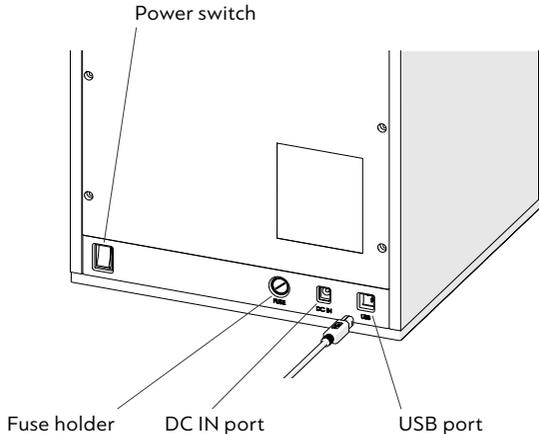
1. Install the latest version of Artec Studio.

Caution! Ensure that Micro is disconnected from your computer during installation.

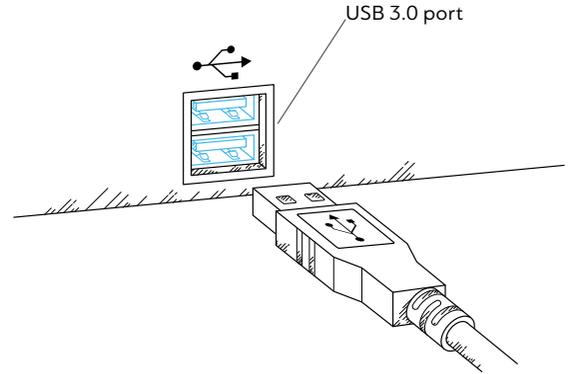


2. Select **Artec Micro drivers**.
3. Continue installation.

Connect & Turn On



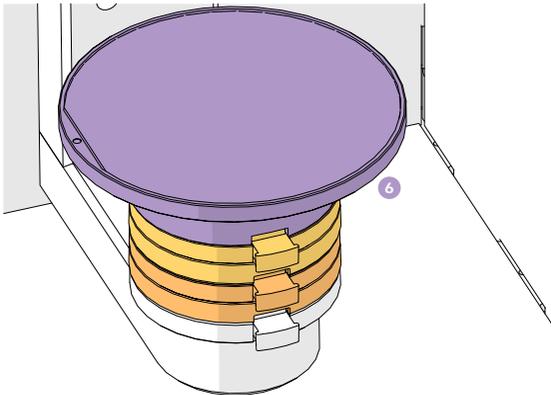
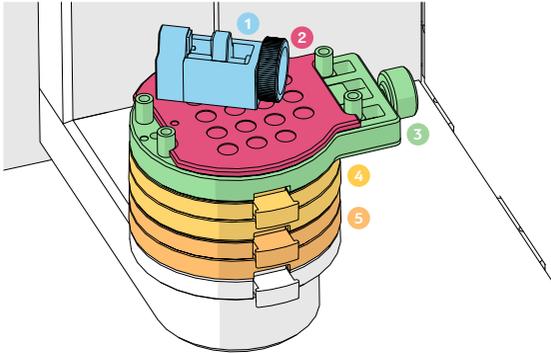
1. Plug the power-adaptor cable into the scanner's DC IN port.
2. Plug the other end of the power adapter into a power outlet.
3. Insert the USB cable into the scanner's USB port.



4. Connect the other end of the USB cable to a USB 3.0 port on your computer.
5. Turn on the computer.
6. Toggle the power switch to turn on the scanner.

*Hint: USB 3.0 ports often have **blue** inserts.*

How to Install Jigs and Mount Objects



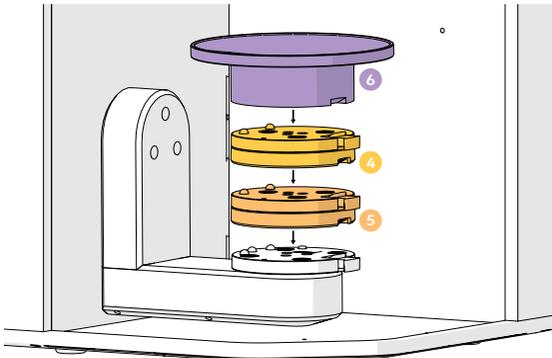
Artec Micro comes with a variety of jigs to hold objects.

Jig	How to affix object?	How to install in the scanner?
1. Vise	Between jaws	Use the gum jig (magnetic plate) or screw jig
2. Gum jig	Use adhesive putty (<i>Blu Tack</i>)	Affix between screws of screw jig
3. Screw jig	Between screws	Use magnetic locks to attach to any spacer
4. Spacer	–	Use magnetic locks to attach to the turntable or another spacer
5. Spacer	–	–
6. Calibration panel	–	Use magnetic locks to attach to the two spacers

Calibrate Micro

Before starting, you must calibrate your Micro. Also consider recalibrating the machine if you move it or leave it unused for a long period.

1. Open Artec Studio.
2. Access the *Scan* panel.
3. Click *Scan with Artec Micro*.
4. Click *Next*.
5. Check the serial numbers on the calibration panel and in Artec Studio.



Calibrate Micro

6. Mount the calibration panel (6) on the two spacers (4) (5) and remove its silicone lid. Click *Calibrate*.

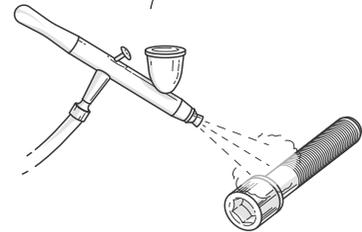
Prepare Objects

Surface type

Black, transparent and reflective surfaces

How to deal with it?

Dust with anti-glare spray



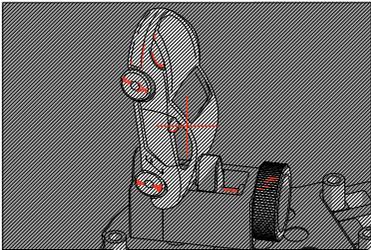
Warning: When spraying objects, keep away from the scanner.

Scan in Artec Studio

Step 1 Fit the object in the camera view.

The object must be entirely visible. For large objects, consider removing extra spacers.

Micro



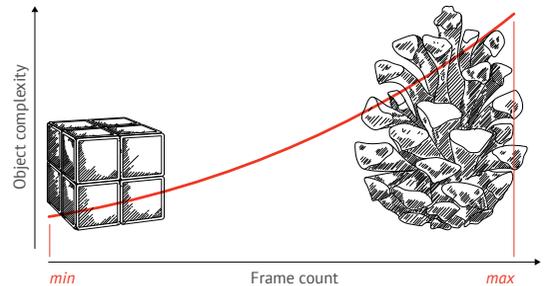
Brightness

68%



Step 2 Adjust Brightness.

Brightness is the scanner's reconstruction capability. First, increase Brightness to make the object visible in the preview. Next, tune it to minimize areas highlighted in red (to prevent noise from appearing in scans).



Step 3 Select Scanning path. For simple cases, use Preview.

Scanning path is a set of turntable positions relative to the camera. The object's size and complexity affect the frame count and the number of these positions.

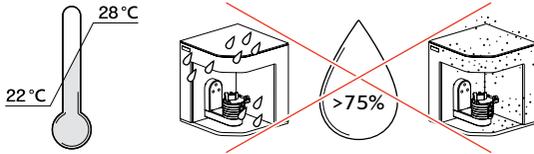
Step 4 Click Scan.

Obtain Model

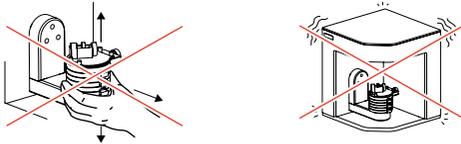
Once the scans are ready, process them in Artec Studio. Consult the Artec Studio User Guide for details (docs.artec-group.com).

Safety Information

Install the machine where it will be unaffected by water, air pressure, temperature, humidity, dust, salt, ions and other environmental factors.



Pay special attention to external hazards such as inclined surfaces, vibration and shock.



Do not lift or move the machine by its L-shaped arm or turntable.

Do not apply shocks or vibration to the machine when scanning.

SAFETY INFORMATION

Do not turn off the power while using the machine.

Do not block the vent while the machine is in use.



Do not touch the mirror or cameras inside the machine.



Do not spray any material toward the machine.

Always turn off the power when checking inside the machine.

Clean the machine periodically with a dry cloth and ensure no water or moisture enters it.

Do not use corrosive detergents or antiseptic solutions when cleaning the machine.

Wipe the surface lightly with a dry cloth, taking care to prevent water and other liquids or foreign materials from contaminating the machine.

SAFETY INFORMATION

Do not modify the machine for any reason. Unapproved modifications will void the warranty.

Do not disassemble the machine; doing so will void the warranty.

Find more information:

docs.artec-group.com (*manuals*)

artecgroup.zendesk.com
(*FAQs, videos and articles*)



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