

# Scan 3D

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# BQ Ciclop

<http://toulonux.org/ciclope.html>

<https://premium-forum.fr/viewforum.php?f=38>

Firmware Arduino Uno

A flasher avec Arduino IDE

<https://github.com/bqlabs/horus-fw>

<https://reprap.org/wiki/Horus>

Logiciel Horus

<https://horus.readthedocs.io/en/release-0.2/>

<https://github.com/bqlabs/horus>

source CAO Ciclop :

<https://github.com/bqlabs/ciclop>

<https://reprap.org/wiki/Ciclop>

<https://www.instructables.com/Ciclop-3d-Scanner-My-Way-Step-by-Step/>

# Matter and Form v1

## Logiciel MFStudio

Doc : <https://matterandform.zendesk.com/hc/en-us/categories/360003490832-V2-V1-and-MFStudio>

<https://libguides.library.universityofgalway.ie/scanner>

<https://www.eduporium.com/blog/tips-tricks-matter-and-form-3d-scanner/>

<https://filmvideoandvirtualreality.wordpress.com/2021/12/23/review-matter-and-form-3d-scanner-from-jaycar/>

<https://www.engineering.com/a-portable-desktop-scanner-for-makers-and-educators/>

Projets STEM : <https://matterandformedu.net/steam-projects/>

## Calibration

<https://matterandform.zendesk.com/hc/en-us/articles/360045310891-Calibrating-the-Scanner>

<https://matterandform.zendesk.com/hc/en-us/articles/360045380792-Calibration-Troubleshooting>

## Lancer un scan

Le scan est réalisé avec +Quickscan qui est inclus dans le logiciel MFStudio.

- Télécharger et installer MFStudio <https://www.matterandform.net/pages/v2>
- Brancher le scanner à l'ordinateur
- Choisir les limites inférieure et supérieure du scan
- Lancer le scan

Achat composants :

[https://www.comprise.de/matter-and-form-3d-scanner-accessories-bundle\\_49505\\_8671](https://www.comprise.de/matter-and-form-3d-scanner-accessories-bundle_49505_8671)

<https://www.amazon.com/Matter-Form-Scanner-Replacement-Calibration/dp/B0C47TL8YD>

# Creality Otter et Raptor