A photograph showing a person in a dark jacket and glasses leaning over a large, flat scanner. The scanner is positioned over a long, narrow manuscript with dense handwritten text. The scanner's control panel, featuring a yellow dial and several buttons, is visible in the foreground. The background consists of wooden bookshelves filled with numerous books, suggesting a library or archival setting. A semi-transparent grey box with white text is overlaid on the upper portion of the image.

Archimedes - Multipurpose Scanner for Art Diagnostics

Archimedes - Multipurpose Scanner for Art Diagnostics

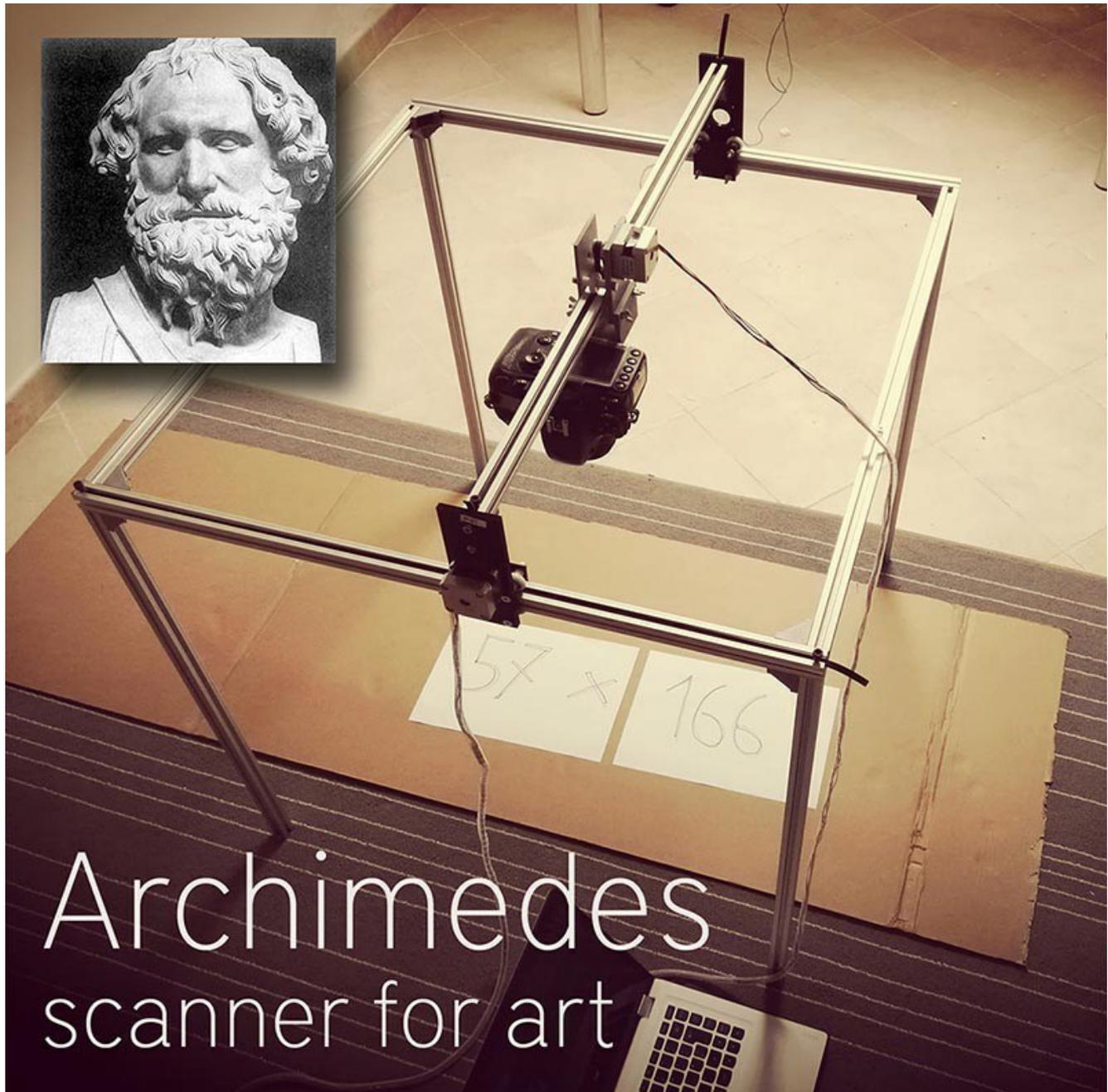
Archimedes – Multipurpose Scanner for Art Diagnostics 2017-12-19T13:57:45+00:00



CHSOS has developed [Archimedes](#), the multipurpose scanner for Art Diagnostics. It is a modular low-cost, mobile and lightweight scanner that can accommodate a number of diagnostic imaging methods such as Technical photography, Infrared Reflectography, Multispectral Imaging, and X-Radiography. The imaging heads are not included with the scanner.

[Archimedes!](#) One Scanner for all imaging methods. Scanning with precise movement up to 0.1 mm can be easily achieved with [Archimedes](#) for maximum areas 75 x 75 cm. The scanner can be hooked to a computer and run through it choosing the most appropriate XY dimensions.

Archimedes - Multipurpose Scanner for Art Diagnostics



Archimedes for Paper Conservation

This scanner is particularly useful for library assets such as manuscripts, prints, and drawings that need to be kept flat. The imaging cameras can be scanned over the paper object which can safely rest on the table. [Archimedes](#) scanner can fit even a large infrared reflectography camera and it helps to acquire high-resolution imaging of the items.

Archimedes - Multipurpose Scanner for Art Diagnostics



Real world successful applications

Archimedes used by the Houston Museum of Natural Science to study Aztec manuscripts.

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