



# TUPEL 3D

# Desktop Jewellery Scanner

DESIGNED AND MADE IN OXFORD, UNITED KINGDOM

## Capture small objects in extraordinarily fine detail

- One-click 3D scanning
- Ideal for digital archiving
- For bespoke wed-fit rings
- Create designs for 3D Printing
- 3D Heirloom reproduction
- Jewellery photography 360° (optional)
- Gemstone Scanning



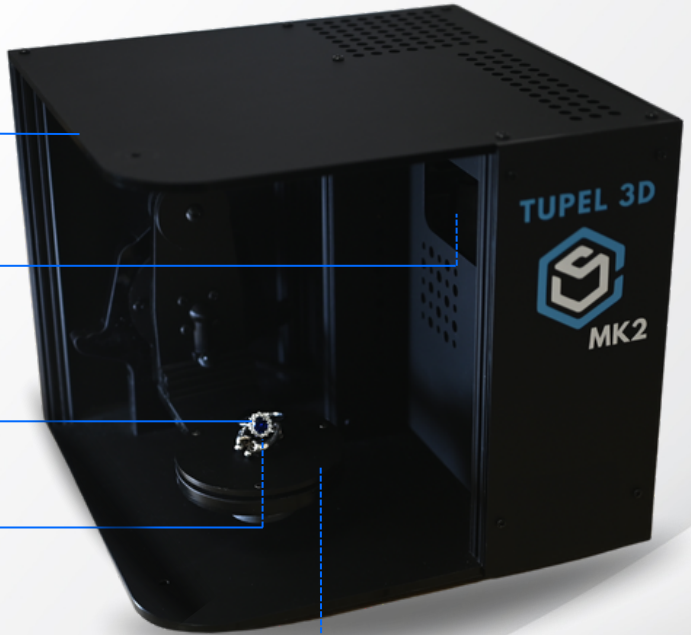
WI-FI

CONNECTIVITY

2 x 8MP CAMERAS  
Highest-resolution in the market

SCAN ACCURACY:  
UP TO  $\pm 4$  micron

FULL COLOUR SCANNING



MAX. OBJECT SIZE:  
120mm Diameter  
X 95mm Tall

SCAN ME



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**freeform**  
FABRICATION

# APPLICATIONS



3D Printing



Irregular Gem Stones



3D Heirloom



Bespoke Wedd-Bands



Reverse Engineering

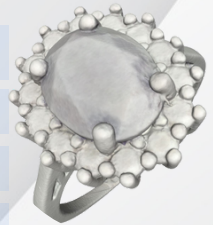


Quality Control



Digital Archiving

Maximum scan volume (object size)	120mm diameter x 95mm tall
3D point accuracy	up to 0.004mm (± 4 micron)
3D resolution	up to 0.025mm (± 25micron)
Structured light projection	2 x 8MP cameras
Output formats	PLY, OBJ (colour), STL
Software	Included (free updates)
Full colour scanning	YES
360° colour photography	Optional
Product dimensions	L 24.6 x H 25.8 x W 22.5 cm
Weight (scanner only)	3.5 Kg
Weight (scanner + case)	8 Kg



## DID YOU KNOW WE ALSO OFFER:

- Training and workshops
- Innovative accessories
- Technical support and tutorials
- Wide range of laser welders
- Laser engravers for marking and cutting
- 3D wax printers for casting
- 3D filament printers
- Jewellery and stone scanners
- Diamond and stone detectors
- 3D printing services