



**CERAMIC APPLICATIONS**  
MOVINGLight® Technology  
Liquid Resin 3D Printers

# PRODWAYS MACHINES



**CERAM PRO  
405 / 405+**



**HIGH  
RESOLUTION  
AND LED POWER**



**EFFICIENT  
PRODUCTION  
SPEED**

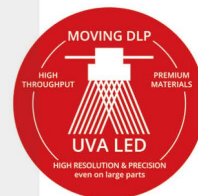


**MODULAR  
TOP-DOWN BUILD  
PLATFORM**



**AVAILABILITY  
OF OPEN  
PARAMETERS**

[www.prodways.com](http://www.prodways.com)



**USER FRIENDLY INTERFACE AND WORKFLOW**  
Intuitive dedicated software and a touchscreen interface for user-friendly operation.

**UNMATCHED RESOLUTION**  
42  $\mu\text{m}$  per pixel, dozens millions pixels per layer

**LARGE BUILD VOLUME**  
Up to 300 x 445 x 350 mm

**MINIMAL SPACE REQUIREMENT**  
Printer size : 855 x 1100 mm

**RUGGED DESIGN AND HIGH QUALITY COMPONENTS**  
Powered by extensive R&D, rigorous testing, and premium materials, CERAM PRO 405 / 405+ ensures reliable and high-quality for demanding ceramic 3D printing applications.



**OPTIMIZED WAVELENGTH FOR ENHANCED DETAIL**  
Specific wavelength of 405nm, providing a competitive edge in achieving finer details. (365nm and 385nm version available)

**CONSISTENT AND RELIABLE TECHNOLOGY**  
MLT patented top-down DLP technology

**OPEN PARAMETERS**  
The availability of open parameters for third-party materials empowers users to unlock the full potential, fostering innovation, flexibility, and cost-effectiveness

## CERAM PRO 405 / 405+



### SPECIFICATIONS

	<b>Number of DLP Heads</b>	1 or 2 heads
	<b>Applications</b>	Investment casting related applications / Technical ceramics / Open for R&D*
	<b>Technology</b>	UV-LED DLP, 405 nm wavelength (365 and 385 nm version on demand)
	<b>Light Power</b>	90 mW / $\text{cm}^2$
	<b>Max. Build envelope size (LxWxH)</b>	300 x 445 x 350 mm 10.3 x 12.9 x 13.7 inches
	<b>Native pixel size (X,Y)</b>	42 $\mu\text{m}$ (0.0016 inches)
	<b>Layer thickness*</b>	50 – 175 $\mu\text{m}$ 0.001 to 0.006 inches
	<b>Platform type</b>	Perforated metal platform
	<b>Build platform (LxW)</b>	From 75 x 40 mm up to 300 x 445 mm
	<b>Vat build height</b>	Up to 350 mm - Starts as low as 500 mL initial fill
	<b>Printer size (LxWxH)</b>	855 x 1100 x 1780 mm 33.7 x 43.3 x 70.1 inches
	<b>Weight</b>	510 Kg 1125 lbs.
	<b>Power requirements</b>	210 – 240 VAC, 8-12A, 50/60 Hz

**FOR TAILORED SOLUTIONS TO MEET SPECIFIC MATERIAL REQUIREMENTS OR APPLICATIONS, EXPLORE OUR ALTERNATIVE WAVELENGTH OPTION CERAM PRO 385/385+ AND CERAM PRO 365 (including a specific material offer)**

\* Please note that the application is contingent upon factors including geometry, build style, and material, and variations in these elements may affect outcomes