

sca3600

Designed for User Productivity and Comfort, Engineered for Function and Quality.

The **sca3600** is a large industrial & high throughput solution for removal of soluble support materials on 3D printed parts. It provides demonstrated options to perform support removal on multiple materials such as ABS, ASA, PC, Nylon, PEEK, etc. In removing support for FDM/FFF and Material Jetting processes, such as Polyjet or Extrusion Technology, the sca product family provides a wide range of predefined machine settings and is fully compatible with all soluble support material concentrates, from water to caustics. It further provides the user with the appropriate level of agitation to balance the needs of heavy removal while maintaining critical dimensions on delicate or intricate part geometry. With additional features that include a simple electronic interface for pre-set temperature & time, easy part loading & unloading, and durable stainless-steel tank for caustic support removal operations, the sca3600 is your finishing solution!

Designed and Developed by ORYX in Tempe, AZ USA



oryxadditive.com



ORYX Additive was founded to help additive manufacturers increase output while improving upon quality levels by developing and implementing proven, controlled, and integrated finishing technologies and processes tailored to their unique needs.

Our Vision is to... Collaborate with our customers to achieve the full potential of additive manufacturing.

Our Mission is to... Be the trusted partner in the development of comprehensive solutions to meet the needs of our customers.

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The **sca3600** provides a larger system capacity with a range of cleaning options and accessory components. Its reliable, easy-to-use, and quiet operation makes it a superior product for AM service firms and industrial manufacturers, where producing larger intricate parts and/or high throughput is necessary. Manufactured for long-term reliability in highly caustic industrial environments while providing limited maintenance and simple servicing, **sca3600** by **ORYX** is the benchmark standard for large part/high volume soluble support removal.

- SYSTEM SPECIFICATIONS
- Overall Size: 36.5 L x 22.8 W x 42.8 H in. (92.7 L x 57.9 W x 108.7 H cm)
 - 16 x 16 x 14 in. (40.6 x 40.6 x 35.6 cm) Stainless Steel Removable Parts Basket
 - Capacity: 27 gallons (102 liters)
 - Power Requirements: 230VAC +/- 10%, ~ 50/60 Hz - 15A - 3400W
 - 4 x 4 x 4 in. (10 x 10 x 10 cm) Small Parts Basket included
 - Stainless Steel Tank & Durable Pumping System compatible with water-soluble and caustic-soluble printed support materials
 - Proven Support Removal from FFF/FDM parts including ABS, ASA, PC, Nylon, PEEK, and others
 - Presets designed for 3D printed parts temperatures: 50, 60, 70 and 85° C
 - "Heat Off" temp. selection for Material Jetting & Curing (MJ), such as Polyjet
 - User-controlled Digital Timer
 - Unique Spray Nozzle & Pump Configuration provides optimized & patented flow
 - Flow Reducer is included for delicate parts
 - Whisper-quiet Operation for in-office use or industrial setting
 - Integral Hinged Lid to reduce water waste & maintain accurate temperature
 - Built-in Safety Features such as Over Temperature & Water Level Alarms
 - Field replaceable Sub-assemblies
 - CE/ cTUVus/ RoHS/ WEEE/ RCM Regulatory Approvals
 - 1 Year Warranty & US-based Technical/Customer Support with strong AM industry experience



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We believe in our products and stand behind them - please feel free to contact us to explore how we can help to provide additional information or product testing for your custom needs & applications!

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