



PressRelease

FOR IMMEDIATE RELEASE

Ransom & Randolph Launches P2C™ Dental Cast Resin and P2C™ Print-to-Cast System

Maumee, OH – July 23, 2025– Ransom & Randolph (R&R) has launched P2C™ Dental Cast resin, engineered specifically for partial frameworks and crown and bridge restorations, as part of its new P2C™ Print-to-Cast System. This complete, validated solution gives dental laboratories a streamlined digital casting workflow – integrating R&R’s castable resin with optimized investing, casting, and divesting components to ensure consistent, high-quality results. The P2C System brings together decades of R&R casting expertise into a reliable, repeatable process that delivers the metal cast quality preferred by dental professionals.

P2C™ Dental Cast Resin

P2C Dental Cast Resin is a high-strength, dimensionally stable, and ash-free castable 3D printing resin, formulated for clean burnout and accurate metal casting. Its advanced composition prevents deformation after printing, ensuring precise, detailed restorations.

P2C™ Print-to-Cast System

The P2C System optimizes each stage of the digital casting workflow, delivering repeatable, high-quality results:

- 3D Model printing – create detailed master models with R&R’s **3D Model Elite™** and **3D Model Standard™** resins designed for accuracy and stability.
- Castable resin printing – R&R’s **P2C Dental Cast** resin is formulated for an ash-free burnout and low expansion, delivering precise, accurate castings right from the start.

About Ransom & Randolph

Founded in 1872, Ransom & Randolph (R&R) has been at the forefront of advancing the global investment casting industry. With extensive process knowledge, exceptional technical expertise, and innovative product technologies, R&R serves foundries, dental labs, artists and jewelers worldwide. By combining innovative product developments with experienced staff and strategically located manufacturing and warehousing facilities, R&R empowers customers to achieve leadership in their industries.

For more information | PRESS ONLY

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- Flash Fire supported investments – developed to work with R&R’s resins, **Biovest®** investment supports detailed reproduction and smooth casting surfaces.
- Validated burnout cycle– a fast one hour burnout cycle using the **Vulcan® Burnout Furnace** enables a complete burnout utilizing our flash-fire investment.
- Cast Alloy –the R&R **Neoloy® Plus Alloy** is a high-quality cobalt-chromium alloy for precision cast partial dentures, with quick melting, reduced oxidation, and durable high-luster castings.
- Divesting Abrasive – the **R&R® WFA white fused alumina** is a high purity fine blasting abrasive that removes residual investment, leaving a clean surface before finishing/polishing the final cast.

“We’re proud to introduce the P2C Dental Cast resin as part of our Print-to-Cast System” shared Daniel Nixon, President at Ransom & Randolph. “As a global leader in investment casting across industries from dental to aerospace, R&R brings decades of technical expertise to every solution we deliver. By integrating our new castable resin with a validated system, we’re providing dental labs with a very reliable digital casting solution built on our proven expertise in casting technology.

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