

Revasum rolls out the world's first fully automated single wafer silicon carbide polisher, the 6EZ

San Luis Obispo, California – 2 October 2019: Revasum, Inc. (ASX: RVS, 'Revasum' or the 'Company') announces the release of the 6EZ Silicon Carbide (SiC) polisher. This is the first fully-automated, single wafer polisher to be designed specifically for Silicon Carbide substrates.

SiC is a hard material to process. Revasum understands the challenges of working with SiC and has applied our knowledge of SiC grinding, prime silicon substrate polishing and CMP, to develop a unique solution that truly makes polishing SiC easy.

The 6EZ is designed to polish and clean both faces of 50 SiC substrates sequentially, without any operator intervention. Combining the 6EZ with Revasum's fully-automated 7AF-HMG grinder, the entire process flow from wire slicing or laser splitting to EPI is synchronized to provide optimum performance and high yields at an affordable cost per wafer – delivering a production-ready solution for 150mm and 200mm SiC substrate manufacturing.

“Today is a momentous day for Revasum's customers, employees, and shareholders. We have all seen the headlines on the growth of the SiC power device, which is enabling the electric vehicle revolution. Revasum is proud to be part of the advancement of the SiC industry through the introduction of the 6EZ to our SiC product family” Jerry Cutini, Revasum President and CEO.



“Yole is expecting the SiC power device market to grow at a CAGR 2018-2024 of 29%,” asserts Hong Lin, PhD, Principal Analyst at Yole Développement (Yole). “Driven by SiC power electronics device market, the SiC wafer market is escalating. Significant capital investments have been announced by major wafer players. Under this dynamic context, the equipment market related to SiC wafer processing is going to boom without doubt in the coming years. Final substrate polish is a critical step of SiC wafering which has a strong impact on the wafer quality and thus the device yield. The market welcomes innovative and competitive technology.”⁽¹⁾

Revasum's SiC single wafer grind and polish process addresses many of the challenges of SiC wafer processing by eliminating manual load and unload, wafer sorting, and diamond polish. By utilizing state-of-the-art polishing technology and process controls, Revasum's 6EZ produces higher quality wafers more efficiently than conventional batch polishing.

⁽¹⁾ Source: *Power SiC 2019: Materials, Devices, and Applications report*, Yole Développement



Safe Harbor Statement

This announcement contains forward-looking statements, which address a variety of subjects including, for example, our statements regarding expected events, market growth, expected product offerings, product development, market adoption and technical advances. Statements that are not historical facts, including statements about our beliefs, plans and expectations, are forward-looking statements. Such statements are based on our current expectations and information currently available to management and are subject to a number of factors and uncertainties, many of which are outside the control of the Company, which could cause actual results to differ materially from those described in the forward-looking statements. The Company's management believes that these forward-looking statements are reasonable as and when made. However, you should not place undue reliance on any such forward-looking statements because such statements speak only as of the date they are made. Revasum does not undertake any obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, except as required by law or the ASX Listing Rules. In addition, forward-looking statements are subject to certain risks and uncertainties that could cause actual results, events and developments to differ materially from our historical experience and our present expectations or projections.

About Revasum

Revasum (ARBN: 629 268 533) specializes in the design and manufacturing of equipment used for the global semiconductor industry. Revasum's equipment helps drive advanced manufacturing technology for critical growth markets, including automotive, IoT, and 5G. Our product portfolio includes state of the art equipment for the grinding, polishing, and chemical mechanical planarization processes used to manufacture devices for those key end markets. All of Revasum's equipment is designed and developed in close collaboration with our customers. Learn how we create the equipment that generates the technology of today and tomorrow, visit www.revasum.com.

Company Contact

Thea Davis
Sr. Marketing Manager
thea.davis@revasum.com
+1 (805) 541-6424

Investor Relations

ir@revasum.com
+1 (805) 541-6424

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