FOOD PROCESSING INDUSTRIAL PHARMACEUTICAL

WE MANUFACTURE CUSTOM CHAMBERS, INTEGRATED EQUIPMENT, FLANGES AND COMPONENTS.

Advancing the Science of Vacuum Technology

Getting it exactly right in custom vacuum product fabrication.



Since 1942, Anderson Dahlen, our parent company, has partnered with Fortune 500 and multinational companies to provide custom metal fabrication and equipment integration services from concept to completion. Our meticulous project support gives customers the confidence to let us manage their projects from start to finish.

Solutions for Advanced Research and Manufacturing

Surface Analysis and Mass Spectrometry Thin-Film
Deposition and
Semiconductor

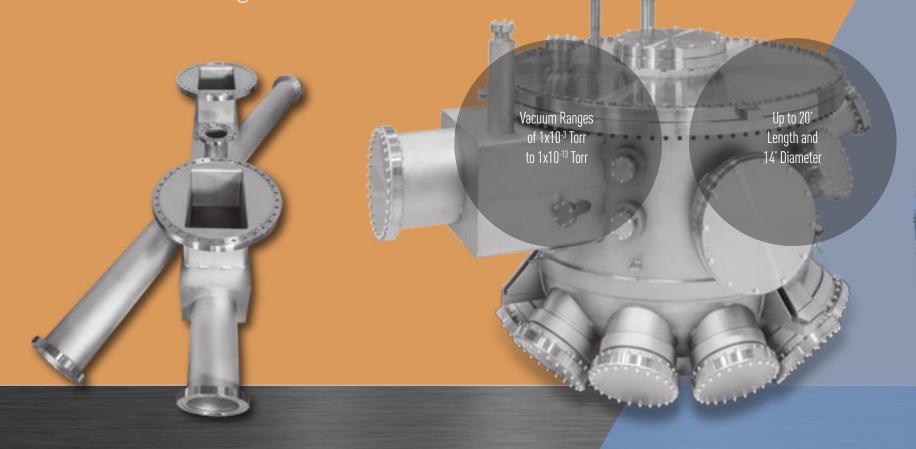
Thermal Test and Space Simulation Nuclear and
Particle Physics
Research

Vacuum
Annealing
and Sintering



Chambers of Any Size or Complexity

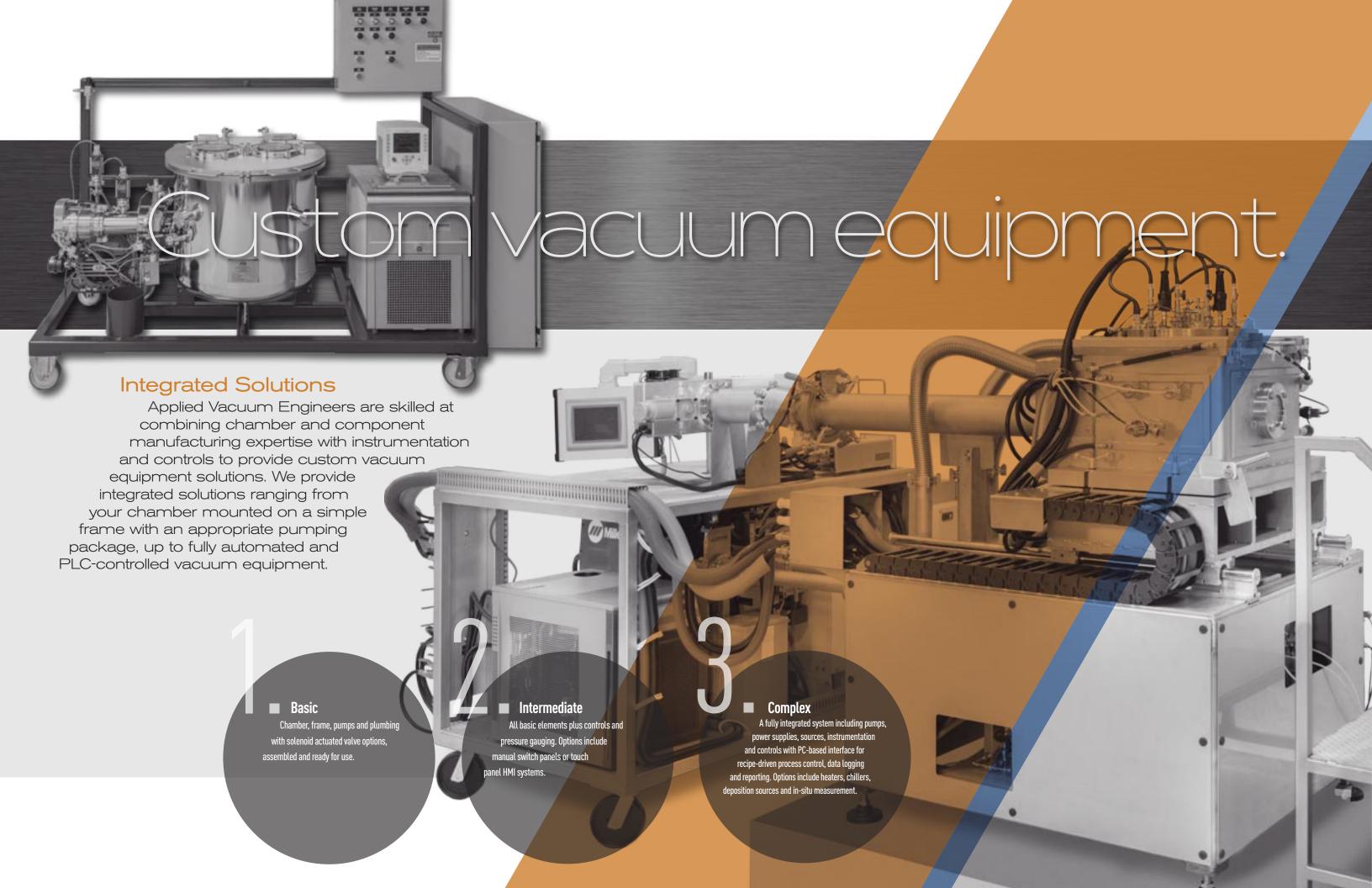
Applied Vacuum designs and fabricates custom components, chambers and integrated assemblies for applications ranging from rough vacuum for industrial processes to extreme-high vacuum (XHV) for scientific study. Furthermore, we have the capacity and capabilities to manage a wide array of production modes for our customers. Our production requirements routinely range from design-and-build projects to high-volume contract manufacturing.



Integrated Water Cooling

ASME/PED Pressure and Cryogenic Rated Designs Stainless Steel, Aluminum, Titanium and Specialty Alloys







>VACUUM

FOOD PROCESSING INDUSTRIAL PHARMACEUTICAL

Projects of any size or complexity.

Applied Vacuum specializes in engineering and fabricating both small and large-scale projects ranging from one-time builds of custom equipment to repeat manufacture and delivery of process modules and systems. We fabricate vacuum chambers, weldments and related components of virtually any size or complexity using the latest engineering and design software, advanced modeling and analytical tools.

To get started on your project, call 763-852-4700 or visit us at AndersonDahlen.com/vacuum.

PRI	ESSU	JRE	RAN	GE

Rough High vacuum Ultra-high vacuum Extreme-high vacuum TORR

760 to 1×10⁻³ 1×10⁻³ to 1×10⁻⁹ 1×10⁻⁹ to 1×10⁻¹²

PA

1×10⁺⁵ to 1×10⁻¹ 1×10⁻¹ to 1×10⁻⁷ 1×10⁻⁷ to 1×10⁻¹ <1×10⁻¹⁰

ATMOSPHERE

1 to 1×10^{-6} 1×10^{-6} to 1×10^{-12} 1×10^{-12} to 1×10^{-15} $< 1 \times 10^{-15}$

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