

Versa-Dock™



The Versa-Dock is a versatile, modular bioprocess docking system. The Versa-Dock has been developed to address today's varying demands placed on scale-up, scale-down and small volume production operations. The Versa-Dock provides the flexibility to use resterilizable, stainless steel and single-use bioreactor vessels..on the same system. Its versatility stems from its modular design, consisting of:

- **Command Module**
- **Pump Module**
- **Piping Module**

These three core elements may be combined in various configurations. In this way, the Versa-Dock offers bioprocess equipment owners the option of adapting to various processes, in alternate reactor types.

As new equipment, the Versa-Dock may be used with either bioreactor type initially. As needs change, the incorporation of the alternate reactor type is already built in. For retrofit or upgrade projects, where some equipment already exists or may be repurposed, the Versa-Dock's engineering allows for greater recovery of those assets.

MAKING THE MOST OF SCALABLE, STANDARD MODULAR DESIGN

The Versa-Dock is built on an industry standard, Rockwell Automation platform and has been designed with the most common control loops:

- Temperature • Agitation • Dissolved oxygen • PH**

Consideration has also been given for other measurement and controls, including pressure, weight, level, foam, redox and others; which are optionally available.

The Versa-Dock platform is divided in two series, Discovery and Enterprise. The Discovery Series is intended for scale-up/down in the 10L-100L range. The Enterprise Series, ranging from 250L-1000L, in support of larger process development activities or small volume production.

	10-30L	Cell Culture	Fermentation	Single-use/Disposable	Re-usable, Sterilized in-Place
Discovery		•	•		•
	50-100L	•	•	•	•
Enterprise	250-500L	•	•	•	•
	1000L	•	•	•	•

With the Versa-Dock, pre-engineering creates a versatile, standard platform on which any variety of processes may be handled. The pre-engineering also saves time and controls costs. Either way, the Versa-Dock offers unique value.

The future of the bioprocess industry will continue to demand versatility, the Versa-Dock is one way your bioprocess equipment keeps pace with that demand. The Versa-Dock is Biozeen's way of helping you balance your costs and timelines...and your competitive advantage.

