



MULTI-STAGE vacuum pump systems

Multi-stage vacuum pump systems, or hybrid systems, use a combination of system components to meet customer requirements in the most economical and cost-effective way.

DEKKER Vacuum Technologies has the ability to design and manufacture a wide range of multi-stage or hybrid systems using a combination of a liquid ring, rotary vane or rotary screw vacuum pump, in series with one or more mechanical vacuum boosters, condensers or air-ejectors. Each system is specifically designed to meet customer's requirements for capacity, final vacuum and materials of construction. DEKKER engineers have extensive experience in the sizing of these types of systems.

DEKKER's multi-stage vacuum pump systems provide an almost unlimited ability to handle the most difficult applications because of the wide variety of vacuum component combinations offered. These systems are used in different industries, including chemical, pharmaceutical, sterilization and vacuum-packing of food products. Multi-stage systems are designed, engineered and manufactured with performance in mind, as well as low power consumption, space, noise and other customer specific requirements.

The multi-stage Vmax system shown in the picture, was designed to operate in the lower pressure range (down to 5 Torr) for use on an ethylene oxide sterilizer for sterilization of medical and surgical products.

Application Engineers at DEKKER Vacuum Technologies offer unmatched expertise, based on years of experience in the vacuum industry and are available to answer any questions you may have. Please call us at 888-925-5444 or e-mail us at sales@dekkervacuum.com

