

Vacuum-Disc enables on the spot applications with mobile measuring arms on suitable surfaces

Measuring arms upside down

Witte, manufacturer of modular fixturing systems, is presenting a new product for mounting mobile measuring arms – a Vacuum-Disc.

Special adapters enable measuring arms of almost all manufacturers to be used independently on the vacuum chucks i.e. without any supply lines.

Currently measuring arms must be mounted mechanically on to base plates or structures. Often the mobile arms are equipped with magnetic adapters so they can be positioned on steel plates.

The new vacuum disk offers versatile and flexible application possibilities. Measuring arms can be used on almost all kinds of surfaces as long as a diameter of 300mm is available.

A special vacuum seal around the perimeter as well as a 3 point support for alignment to surface geometry enable applications on strongly convex surfaces in all positions. It is even possible to use it upside down.

Vacuum supply is via a battery operated pump, supply includes rechargeable battery. Regular re-pumping of vacuum during use ensures reliable stability. Vacuum supply and battery condition are monitored with a visual and acoustic signal.



Pictures: Vacuum-Disc for mounting mobile measuring arms