

## Radial Telescopic Transfer Arm



The telescopic transfer arm provides a cost-effective solution for radial distribution sample transfer applications providing arm rotation and arm extension.

A high torque magnetic-coupled Magi drive precisely rotates the transfer arm to align with the desired chamber port. A second rotary drive is used to drive the innovative telescopic mechanism to provide an arm extension up to 1200mm.

The arm be either motorized or manually motivated.

### Specification

- ✔ Continuous Rotary Motion
- ✔ UHV Rated better than  $5 \times 10^{-10}$  mbar
- ✔ Extended up to 1200mm
- ✔ High Load Carrying Capability
- ✔ Bakeable to 120°C
- ✔ Rotation Reproducibility  $< 0.1^\circ$  (motorized)
- ✔ Linear Reproducibility  $< 1$ mm (motorized)
- ✔ Z Option Module: CF63 Port Aligner or Linear Translator In 50mm Stroke

