

SC-SERIES

Internal-Mount End Block



The architectural industry-standard size SC-Series internal-mount end block is the best value, highest power, and most reliable end block available on the market today.

With brushless power transfer, it has a simple, singled-ended design with outboard support for quick target changes, high reliability and easy, do-it-yourself maintenance; for 125 mm ID targets.

Upgrade from other architectural glass rotary end blocks without modifying lids or changing utilities. Upgrade from planar systems to increase the output and quality of your existing coater.

SCI can provide coater integration support.

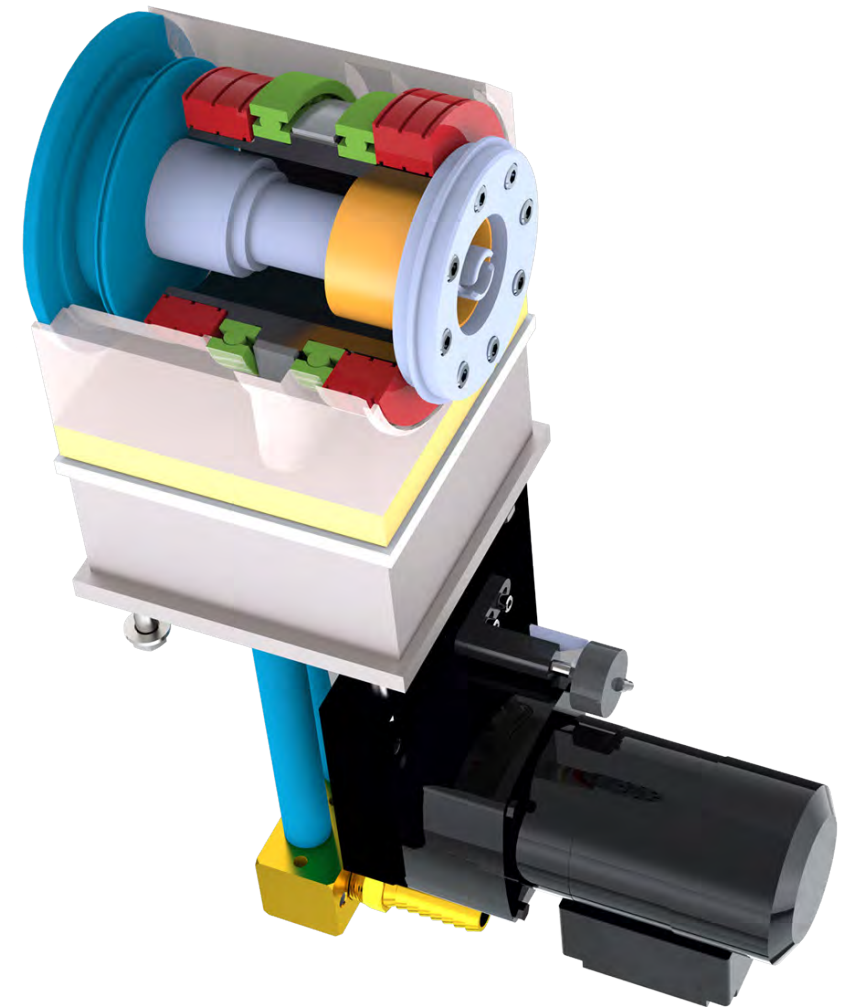


FEATURES

- Patented power-delivery technology
- Unique target attachment method
- Durable, long-life rotary seals
- Industry standard mounting to lid
- Non-proprietary target design
- Patented target water fill/drain feature

BENEFITS

Fill and drain	Patented; water completely fills the target for cooler operating temperature/high power; completely drains for target changes
Drive bearings	Exclusive to SCI; tested to verify years of trouble-free operation
Power transfer	Brushless, patented; no brushes to replace and no carbon brush dust; high power rating and reliable power transfer
Vacuum, water seals	Dual lip and redundant; tolerate running dry; easily replaced without removing the end block; can be monitored
Target attachment	Attaches to targets from any vendor for economical sourcing; high load bearing; fast target changes
Mounting	Can be mounted in any orientation using existing mounting holes and utility connections; adjustable magnet bar sputter angle
Drive	Robust, reliable inverter-duty motor and belt drive; allow design flexibility, easy TTS distance changes; monitored rotation



TECHNICAL SPECIFICATIONS

Type	Simple, singled-ended design with outboard support for quick target changes, high reliability and easy maintenance
Power (Maximum)	200 kW DC or MFAC
V/A	1500 V / 450 A
Target Length (Maximum)	4000 mm
Thickness	204 mm
Average weight	40 kg
Maintenance	1 hr./year average 3 hrs. for a rebuild

