

**Bellco Glass, Inc.**  
**Specification Sheet**  
**For Product #: 1965-01000**

**Description: Micro Carrier Spinner Flask Complete**

Micro Carrier Spinner Flask is designed for the efficient growth of suspension cultures and growth of cells on microcarrier beads. The flasks incorporate a fluid-dynamic impeller assembly to assure optimal lift of suspension cells or microcarrier beads at very low mixing speeds without damage to cells or beads. Micro Carrier Spinner Flask Complete consists of: Flask, Impeller Assembly, and Glass Shaft & Cap Assembly.

**Flask Specifications:**

Material: Type 1 Class A Borosilicate Glass

Dimensions: 135mm OD x 240mm Overall Height, 265mm across sidearms

Two 45mm Sidearms angled 60° offset center

One 100mm Screw Thread Center Neck

Indented bottom

Graduations: 100mL to 1000mL, every 100mL – White Ink (Approx Volumes)

Supply with: Two 45mm PP Blue Screw Caps & PP Blue Pouring Rings

**Impeller Assembly Specifications:**

Impeller Assembly consists of impeller magnet, magnet holder, paddle & silicone plug.

Impeller magnet: PTFE coated magnet, 76.2mm long x 12.7mm OD (approx.)

Magnet Holder: White Teflon, 177.8mm long x 19.1mm OD

Impeller Paddle: PTFE material, 107.6mm wide x 44.5mm tall x .762mm thick

Silicone Plug: White Silicone material, 11.1mm OD x 7.9mm long (approx.)

**Glass Shaft Specifications:**

Material: Type 1 Class A Borosilicate Glass

Dimensions: 7mm OD x 230mm long

**Cap Assembly Specifications:**

Cap Assembly consists of screw cap, liner & compression fitting.

100mm PP Screw Blue Cap: 107.9mm OD x 22.2mm tall with 16.3mm hole for Compression Fitting

100mm White Silicone Liner: 96.8mm OD x 3.2mm thick with 15.9mm hole for Compression Fitting

Compression Fitting: Black PP 6.4mm Compression fitting to accept 7mm OD Glass Shaft

**The information contained in this specification sheet we believe is correct to the best of our knowledge. The recommendations and suggestions herein are made without guarantee or representation as to results. We recommend that adequate tests be made in your laboratory or plant to determine if this product meets all of your requirements.**



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