

**Belco Glass, Inc.**  
**Specification Sheet**  
**For Product #: 1965-00500**

**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, Glass Shaft, and Cap Assembly.

**Flask Specifications: [1965-10500]**

Material: Type 1 Class A Borosilicate Glass  
Dimensions: 110mm OD x 175mm Overall Height  
Two 45mm Sidearms angled 45° offset center  
One 70mm Screw Thread Center Neck  
Indented bottom  
Graduations: 50mL to 500mL, every 50mL – White Ink (Approx Volumes)  
Supply with: Two 45mm PP Blue Screw Caps & PP Blue Pouring Rings

**Impeller Assembly Specifications: [1964-30500]**

Impeller Assembly consists of impeller magnet, magnet holder, paddle & silicone plug.  
Impeller Magnet: PTFE coated magnet, 41.3mm long x 9.5mm OD (approx.)  
Magnet Holder: White PTFE, 120.7mm long x 15.9mm OD  
Impeller Paddle: PTFE material, 79.4mm wide x 25.4mm tall x 0.8mm thick  
Silicone Plug: White Silicone material, 11.1mm OD x 7.9mm long (approx.)

**Glass Shaft Specifications: [1969-70500]**

Material: Type 1 Class A Borosilicate Glass  
Dimensions: 7mm OD x 190mm long

**Cap Assembly Specifications: [1965-90070]**

Cap Assembly consists of screw cap, liner & compression fitting.  
70mm PP Screw Blue Cap: 82.6mm OD x 22.2mm tall with 16.3mm hole for Compression Fitting  
70mm White Silicone Liner: 67.9mm 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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