

Belco Glass, Inc.
Specification Sheet
For Product #: 1965-00250

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: 85mm OD x 140mm Overall Height, 175mm across sidearms

Two 32mm Sidearms angled 55° offset center, 110mm off bottom of flask x 45mm beyond sidewall

One 70mm Screw Thread Center Neck

Indented bottom: 25mm wide x 7mm tall

Graduations: 50mL to 250mL, every 25mL – White Ink (Approx Volumes)

Supply with: Two 32mm 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, 41.3mm long x 9.5mm OD (approx.)

Magnet Holder: White Teflon, 101.6mm long x 15.9mm OD

Impeller Paddle: PTFE material, 50.8mm wide x 25.4mm 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 155mm long

Cap Assembly Specifications:

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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