

TC-200-050
TECHNICAL DATA SHEET

Introduction

The Tuskin TC-200-050 Peristaltic Pump is designed for heavy-duty industrial use. It features a variable speed drive with a standard potentiometer or optional 10-turn potentiometer. The 3-roller pump head provides consistent and accurate metering capabilities. A quick release cover makes tubing changes fast and clean.

Specifications

Flow range: 1/8" x 1/4" tube 1.17 to 63.55 ml/min
 3/16" x 5/16" tube 2.57 to 139.85 ml/min
 1/4" x 3/8" tube 4.7 to 256 ml/min

Speed range : 2 – 100 RPM.

Enclosure: Anodized brushed aluminum.

Input voltage: 120VAC, 50/60 Hz

Current: 0.5 Amps

Motor type: DC gearmotor 90VDC

Operating temperature: 0 to 60 degrees Celsius

Pressure range: 20 psi

Viscosity: up to 10,000 centipoise

Tube installation

Turn control "ON" and put the "REVERSE/FORWARD" switch in the forward position. Adjust the Speed Knob for low speed. Move the "REVERSE/FORWARD" switch back to the center or stop position. Insert tube in the bottom opening of the pump head. **CAUTION: TAKE CARE NOT TO GET FINGERS CAUGHT IN THE ROLLERS AS INJURY WILL RESULT.**

Move the "REVERSE/FORWARD" switch back to the forward position and position tube into the groove so the roller will draw the remaining tube into position. After tube is around all three rollers move the "REVERSE/FORWARD" switch back to the center or stopped position. Push tube into top opening and close door. Pump is ready for operation.