

APPENDIX J

ROTAMETER CALIBRATIONS

Table J.1. Rotameter Calibrations.

Rotameter tube: Aalborg FM032-41 for hydrogen, carbon monoxide, ethylene, carbon dioxide, and methane,

Brooks R-2-15-AAA for helium.

Rotameter float: glass for hydrogen, carbon monoxide and ethylene,

sapphire for carbon dioxide, methane and helium.

Rotameter metering valve: Aalborg MFV-1.

Reference: Precision Scientific wet testmeter 63125.

Rego manifold pressure setting: 240 psig.

Veriflo regular setting: 180 psig.

System pressure: 140 psig.

Princo barometer: 29.11 in-Hg at 67.2 °F.

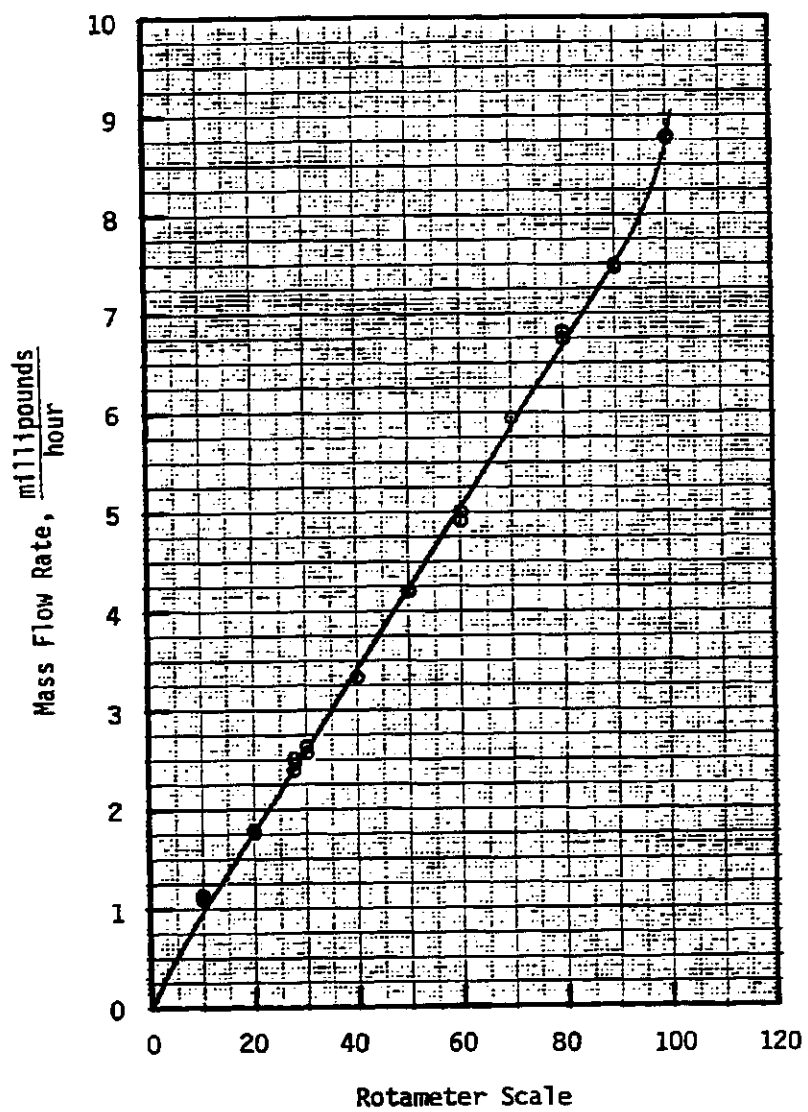


Figure J.1. Rotameter Calibration Curve for Hydrogen.

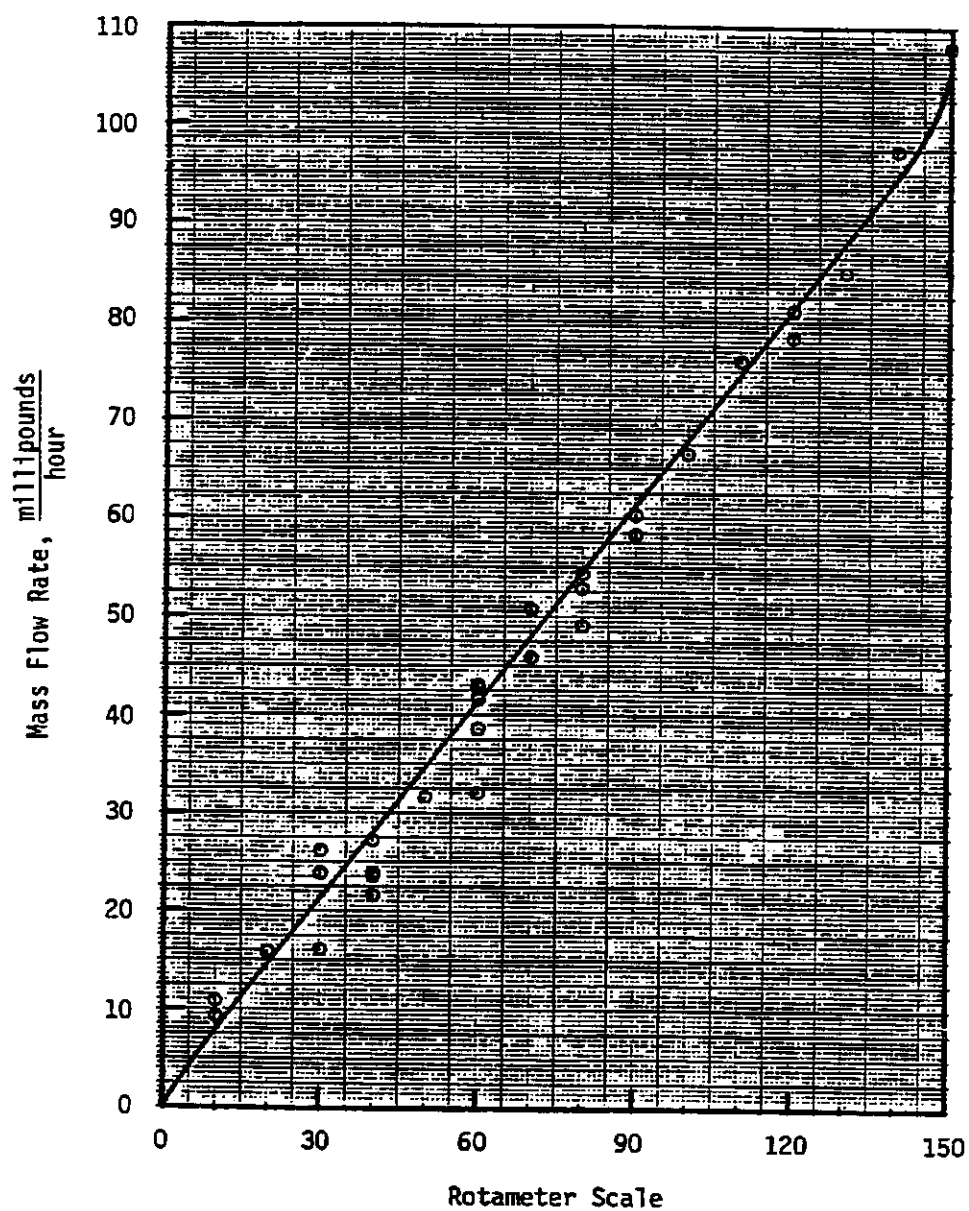


Figure J.2. Rotameter Calibration Curve for Carbon Monoxide.

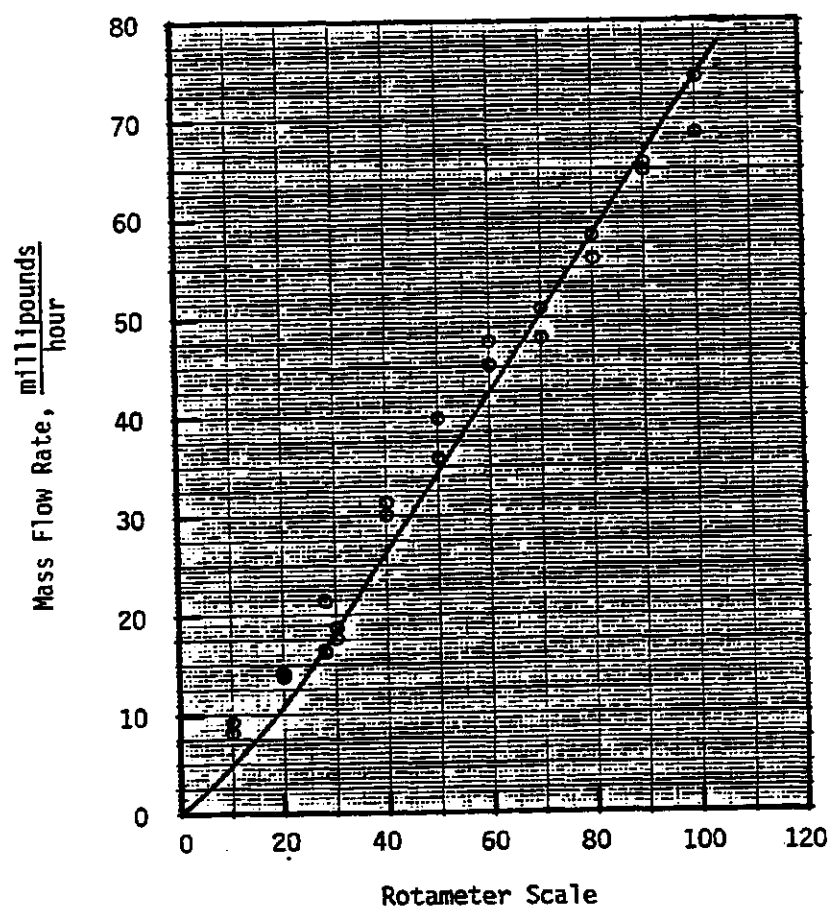


Figure J.3. Rotameter Calibration Curve for Ethylene.

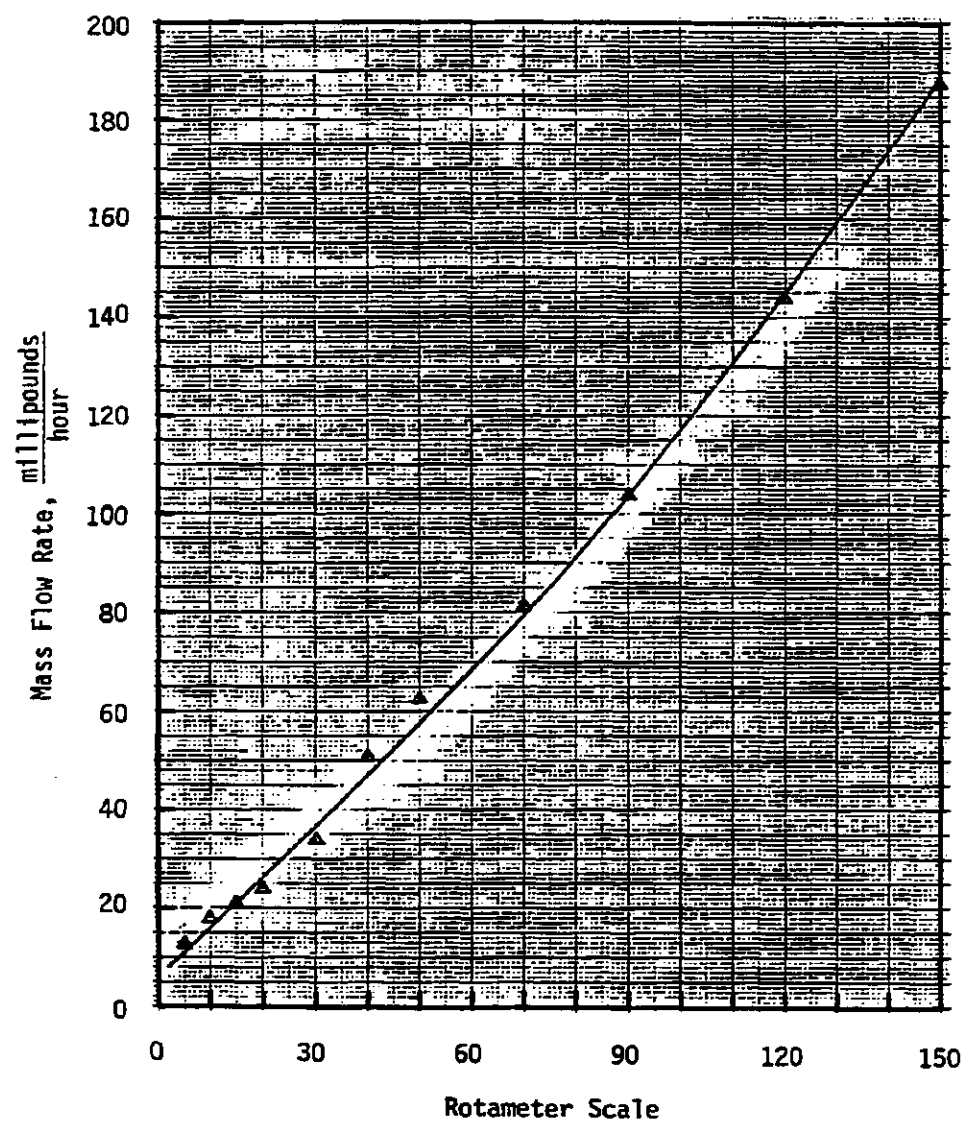


Figure J.4. Rotameter Calibration Curve for Carbon Dioxide.

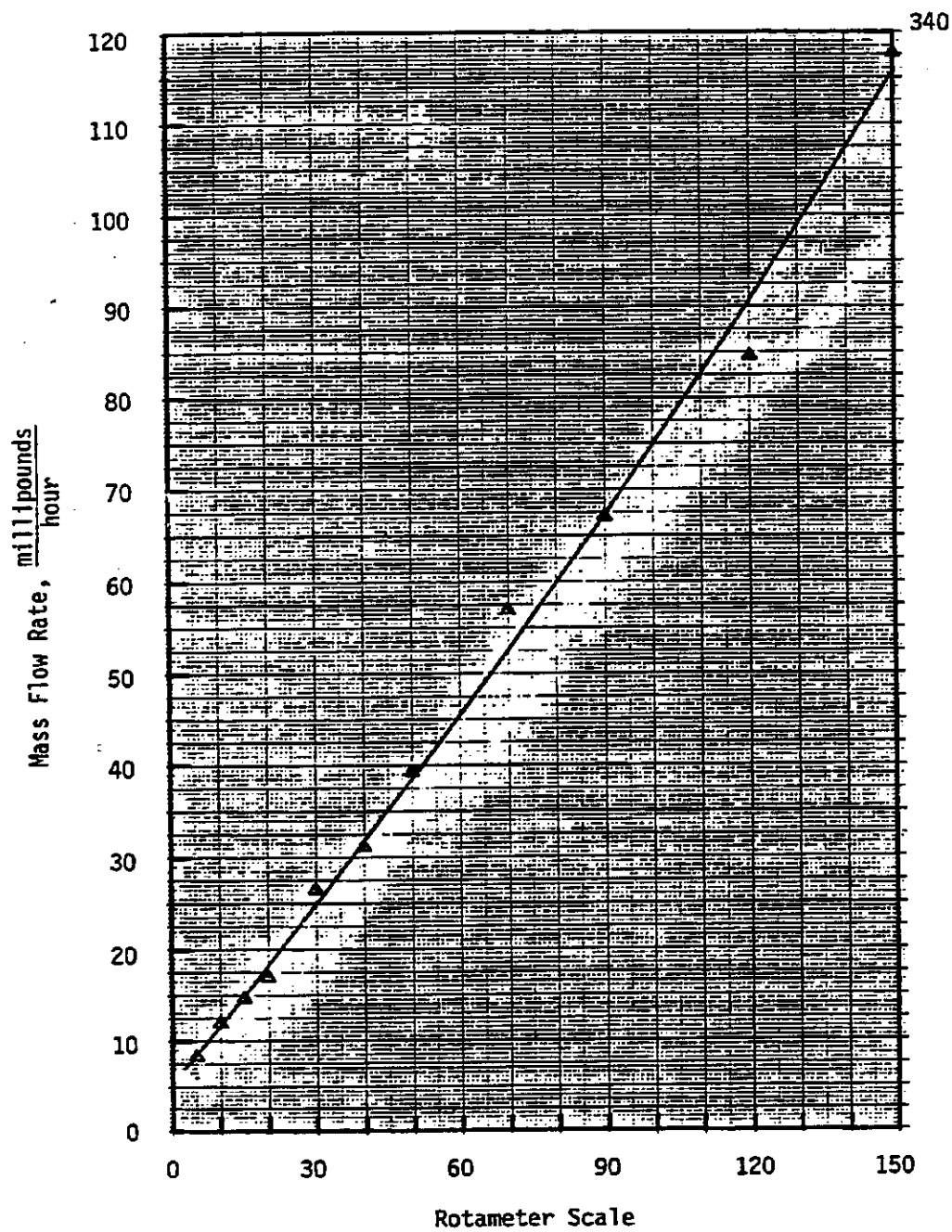


Figure J.5. Rotameter Calibration Curve for Methane.

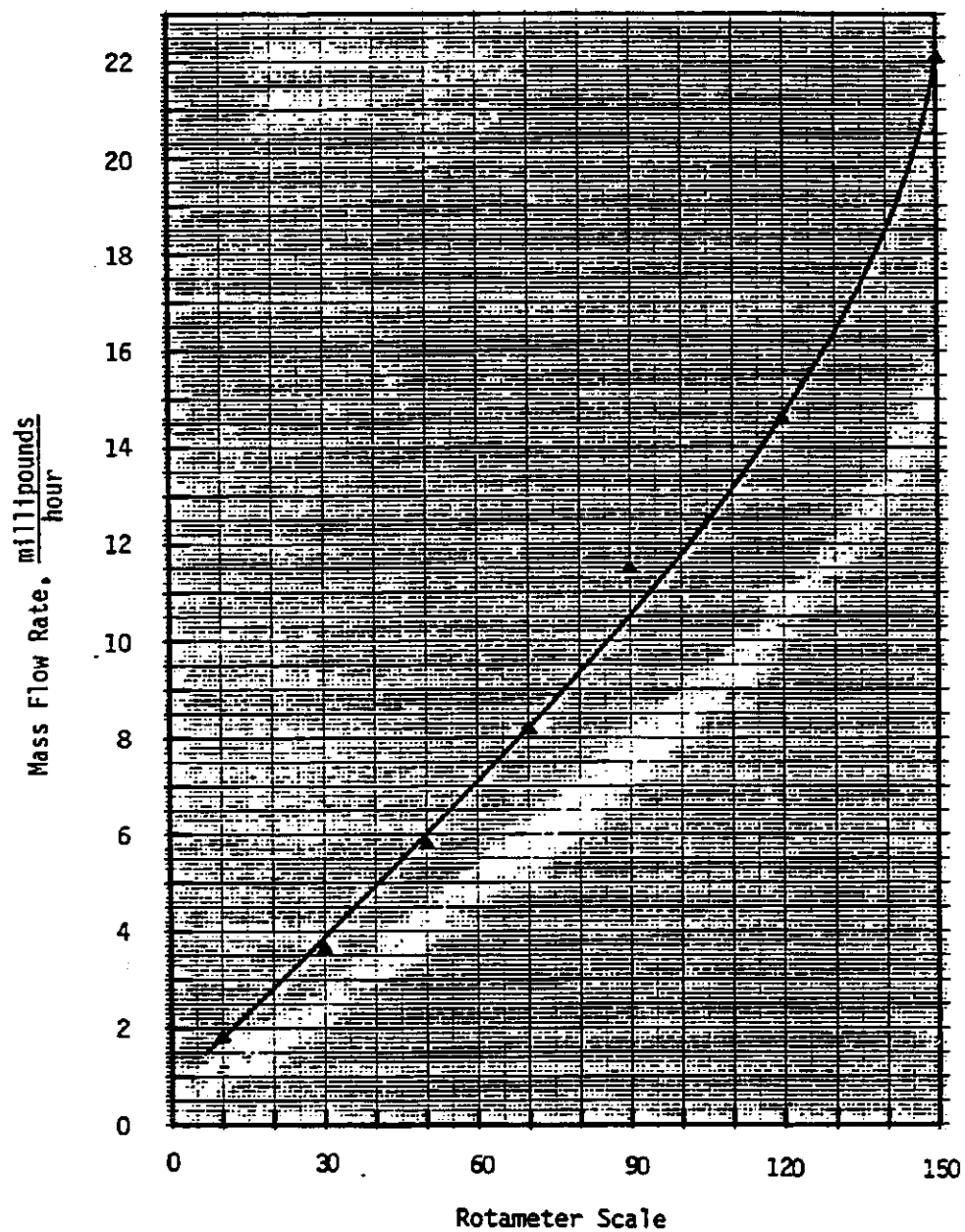


Figure J.6. Rotameter Calibration Curve for Helium.