| Product name: | Product code: |
| --- | --- |
| Density Gradient Column for Polyethylene Tank Samples | CMI-IND-0173 |

## Description

Glass gradient column that measures density of polyethylene samples by float position in a liquid of graded density. Used to confirm resin grade of rotomoulded tanks.

## Technical specification

- Bath circulator

Small specimens are dropped in the column and the height at which each settles indicates density to 0.0005 g/cm3. Density verifies correct resin choice, usually LLDPE at 0.935 g/cm3. A thermostatic jacket ensures stable temperature.

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**Features**

- Thermostatic jacketed glass column
- Set of calibrated floats
- Isopropanol and water gradient
- Scale in g/cm3
- Stirrer and gradient mixer included

**Technical Specifications**

| | |
|---|---|
| Density Range | 0.900 - 1.000 g/cm3 |
| Resolution | 0.0005 g/cm3 |
| Column Height | approx. 800 mm |
| Temperature | 23 +/- 0.1 deg C |
| Standards | ASTM D1505, ISO 1183-2 |
| Power Supply | 230 V AC, 50 Hz |

**Standard Accessories**

- Float set (8)
- Mixer