NAUGRA®

Product name:	**Product code:**
Torque Rheometer with Internal Mixer for Resin Compounds	CMI-IND-0229



Description

Laboratory mixing rheometer that records torque and melt temperature while a resin compound is mixed in a heated chamber. Used for studying fusion, stability and processing behaviour of PVC and filled compounds.

Technical specification

Rotor Speed	0 to 200 rpm
Torque Accuracy	+/- 0.5 % FS
Drive	3 kW servo motor
Power	415 V AC, 3 phase

Standard Accessories

- Roller rotors
- Cleaning tools
- Software

Roller or banbury-type rotors knead a small batch of compound at a set speed and temperature. The torque curve shows fusion time, melt viscosity and thermal stability. Compounders use it to compare formulations before scaling up.

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Features

- Mixing chamber 60 cc with roller rotors
- Torque range 0 to 200 Nm
- Speed 0 to 200 rpm
- Three-zone heating
- Software for fusion curve analysis

Technical Specifications

Test Standards	ASTM D2538, ISO 6502 reference
Mixer Chamber	60 cc
Torque Range	0 to 200 Nm
Temperature	Up to 400 deg C