



# Conical Twin Screw Extruder



... where quality is measured.

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## Features

The counter-rotating Conical Twin Screw Extruder is ideally suited for quality control, product development and research applications.

All the screws allow a uniform forward flow regardless to the degree of flight filling, feeding uniformity, polymer flow characteristics, or back pressure.

The counter rotating chamber produces

a milling action between the screws similar to a calendering process.

Materials can be metered with precision feed units to exact specifications, while the barrel of the extruder is designed to allow additional materials such as liquid monomers, colors or plasticizers to be added at various stages of the testing process..

## Technical Data

Screw Diameter	Screw Length	Screw Torque	Operating Temperature
32 mm	330.7 mm	240 Nm (24,000 mg)	400°C

416 stainless steel, honed and nitrided barrel.



C.W. Brabender® laboratory

## C.W. Brabender® support

A modern applications laboratory is available for all customers and interested parties for trials with their own materials. All **C.W. Brabender®** measuring systems can be tested under ideal conditions. An experienced expert team will assist all tests.

Together we will find the optimal solution to meet your testing needs.

## Screw Configurations

### Counter-Rotating Screws Available

Catalog #	Screw Type
15-40-004	5 stage kneading / mixing extruder screws
15-40-003	Venting extruder screws
15-40-002	Mixing extruder screws

