



# Boost your drug formulation research!

## Special academic offer – save up to 40%

Speed up your drug development with the Thermo Scientific™ Pharma 11 Twin-screw Extruder – trusted by industry and academic researchers worldwide for over 10 years. This complete Pharma 11 Extruder strand line performs hot melt extrusion (HME) at a lab-scale to help you:

- Reduce powder-blend usage
- Improve drug solubility
- Enhance bioavailability

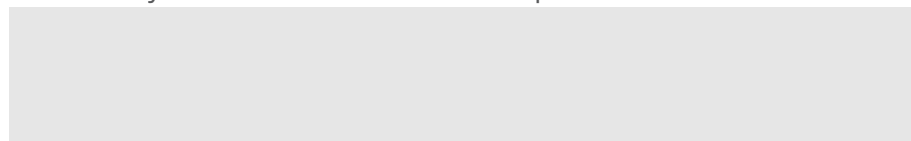


Now you can conduct more formulation experiments in less time and use less precious materials with this unique benchtop HME offer.

- **Flexible** – barrel cooling included for precise temperature control; easily adjust screw set-up and processing length
- **Scalable** – process parameters on the Pharma 11 Extruder are scalable to our larger pharma extruders
- **Reliability** – our worldwide team of application specialists help you get the most out of your investment

**BONUS:** Because the controlled cooling kit is included in this offer, this extrusion line can easily be converted into a **twin-screw granulation (TSG)** line in the future. You can have two processes on one benchtop system.

Contact your Pharma extrusion specialist for details.



## Special HME offer package\* includes:

- ✓ Pharma 11 HME Extruder with fully ported barrel
- ✓ Set of screws for HME configuration
- ✓ Controlled barrel cooling (integrated)
- ✓ Screw kit to adjust set-up and length
- ✓ Conveyor belt
- ✓ Pelletizer with adjustable speed
- ✓ Vol. MiniTwin Feeder with set of screws
- ✓ Extended warranty!

\*Promotion valid until December 31, 2020.

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