



# MICRO CAST FILM MACHINE

QualiMCF-15

# Micro Cast Film Machine

## QualiMCF-15

The QualiMCF-15 is a compact, high-precision lab system for casting ultra-thin polymer films using advanced extrusion technology. Designed for R&D and formulation testing, it enables efficient film production with minimal material use.

Compatible with polymers like PE, PP, TPU, PC, ABS, PVC, and composites, it's ideal for applications in medical, pharmaceutical, packaging, and electronics research.

### Applications:

- Lab-scale film development
- Testing new formulations and additives
- Evaluating film strength, clarity, and barrier properties
- Micro-scale production for high-value materials



## FEATURES/ADVANTAGES

### Versatile Film Production

Enables ultra-thin, ultra-long, and ultra-wide film casting with high accuracy.

### Optimized for Specialty Materials

Perfect for costly or limited materials like APIs and advanced polymers.

### Precision Servo Control

Servo-driven rollers ensure consistent speed, tension, and film quality.

### Compact Lab-Ready Design

Fits easily on benchtops or inside fume hoods for flexible lab use.

### Intuitive Touchscreen Interface

PLC control system simplifies setup and process adjustments.

## TECHNICAL SPECIFICATIONS

SPECIFICATION	DETAILS
Processed Film Width	30 – 35 mm
Processed Film Thickness	0.1 – 0.6 mm
Production Speed	100 – 5000 mm/min
Mold Configuration	Custom crack molds available
Winding Method	Tension-controlled winding
Control System	PLC touchscreen interface



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## Connect with us

Contact our **QualiTeam** today to find out how we can help your organization **select the most suitable testing solution** for your application, requirements, and budget.

### Qualitest USA (Corporate Sales Office)

Toll-Free: 1.877.884.TEST (8378) | Fax: 954.697.8211  
E-mail: [info@qualitest-inc.com](mailto:info@qualitest-inc.com)  
Address: 8201 Peters Rd., #1000,  
Plantation, FL 33324, USA.

### Qualitest KSA (Regional Office)

Tel: +966 11 500 6659  
Address: Level 7, 3.09, District 3, King Abdullah  
Financial District, Riyadh, Saudi Arabia

### Qualitest Canada & International

Tel: +1.905.944.9825 | Fax: +1.905.944.0304  
E-mail: [sales@qualitest-inc.com](mailto:sales@qualitest-inc.com)  
Address: 70 East Beaver Creek Rd., #9, Richmond Hill,  
Ontario L4B 3B2, Canada.

### Qualitest Singapore (ASIA PACIFIC Regional Office)

Tel: +65 6393 5480 | E-mail: [singapore@qualitest-inc.com](mailto:singapore@qualitest-inc.com)  
Address: 50 Raffles Place, Singapore Land Tower,  
Level 46, Singapore, 048623.

### Qualitest Latin America (Mexico and LATAM Region)

E-mail: [ventas@qualitest-inc.com](mailto:ventas@qualitest-inc.com)

### Qualitest Indonesia (Representative Office)

Tel: +62 21 2985 9522 | Fax: +62 21 2985 9889  
E-mail: [indonesia@qualitest-inc.com](mailto:indonesia@qualitest-inc.com)  
Address: One Pacific Place Level 11, Jl. Jend. Sudirman,  
Kav. 52-53, SCBD Area, Jakarta 12190, Indonesia.

### Qualitest FZE (Regional GCC/ME Office)

Tel: +971 4 8819252 | Fax: +971 4 8819262  
Email: [gcc@qualitest-inc.com](mailto:gcc@qualitest-inc.com)  
Address: Jafza One, BB 1610, Jebel Ali Free Zone,  
PO Box 261440, Dubai, UAE.

### Qualitest India

E-mail: [india@qualitest-inc.com](mailto:india@qualitest-inc.com)  
Address: 15th Floor, Dev Corpora, Pokhran Road No.1,  
Eastern Express Highway, Thane, Maharashtra,  
Mumbai, 400601, India

