

COEXPERT SERIES



Co-Extrusion Control System

COEXPERT TAKES CONTROL OF YOUR EXTRUSION PROCESS

CoExpert is a Microsoft Windows®-based computer package used in conjunction with Sterling blending and feeding equipment to control the extrusion process. It can be used on single or multi-layer applications, including wire & cable, profile, blown or cast film, or sheet.

The standard CoExpert package is for use with up to six (6) SGC Series blending systems and/or SFC-M Series rate monitor units without a haul-off control. It controls extruder speeds, layer percentages, and blender recipes; and comes complete with all necessary hardware and software. Communications wires and cables are not included.



Features

- Intel Pentium based industrial computer
 - SVGA color monitor
 - Touch-screen operator interface
 - 3.5" floppy disc drive
 - Windows operating system
 - Modem and telephony software included for factory support and upgrades
- User-friendly screens configurable to match each specific process
- In-line surge protector
- Control functions include:
 - Extruder speeds
 - Layer percentages
 - Blender recipe storage
 - Monitoring of material usage
 - English or Metric units
 - Real-time trending chart of process
 - Alarm log
 - Configurable password protection
 - Integral diagnostic system
 - "On-the-fly" product changes
 - Set recipes from a remote control panel
 - Display average product gauge by inputting product width and true layer percentages
 - Remotely monitor the process

Options

- Line Speed Control (COEX-LS), including a high accuracy encoder and a conversion panel. CoExpert with line speed control is required when using a CoExpert package to control the haul-off. For use with up to six (6) SGC blending systems or SFC-M rate monitor units and a haul-off control. Included are an encoder and a conversion panel for interfacing to the CoExpert control system. Controls overall yield (weight/length), weight per area, and thickness. Communications wires and cables not included.
- Windows 95/98/NT communications package compatible with a DDE server

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SPECIFICATIONS

The standard CoExpert® package is for use with up to six (6) SGC Series blending systems and/or SFC-M Series rate monitor units without a haul-off control. The CoExpert system can control up to six extruders with or without line speed control.

An extrusion line running 500 pounds/hour of 1.0 mil film could consistently run 0.98 mil film with better quality, lower scrap and produce an extra 75,000 pounds of product per year.

ADVANTAGES

- Reduced material usage
- Improved product quality
- Increased productivity
- Simplified start-up and material change-over
- Reduced start-up and shut-down times
- Monitoring of material usage
- "On-the-fly" product changes
- Precisely control co-ex layer percentages
- Set recipes from a remote control panel
- Display average product gauge by inputting product width
- Display true layer percentages
- Allow input of recycled trim width
- Remotely monitor the process
- Monitor alarm histories