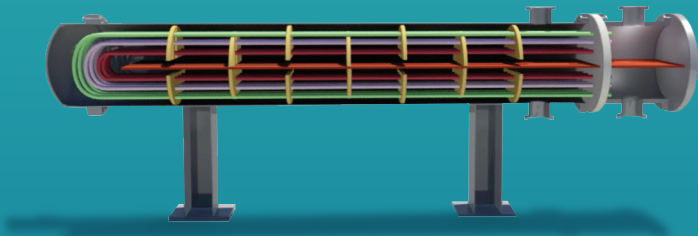


PROCESS EQUIPMENT ANIMATIONS



LEARN MORE EFFECTIVELY

Systran's Process Equipment Animations is a library of microlearning that includes common equipment and instrumentation found in the process and energy industries.

BENEFITS

- Choose from 80+ titles
- Supports Process Technology courses and Operator Training
- Use in the classroom or as assigned homework
- Works on desktop, laptop, tablet and mobile devices
- Pick and choose only the titles you need

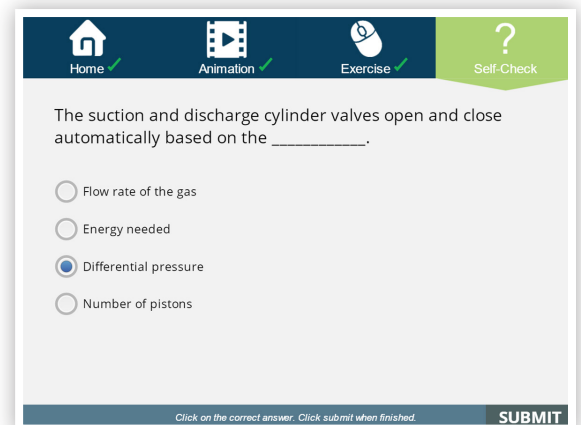
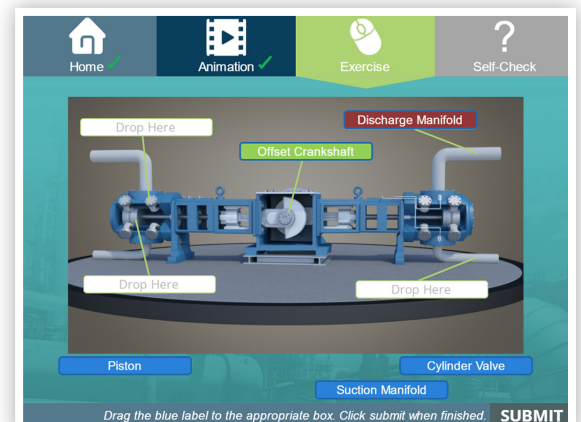
FEATURES

- Vivid 3D animations convey appearance, major components, and principles of operation
- Interactive exercises reinforce concepts
- Multiple-choice questions confirm comprehension
- SCORM compliant or web versions available

Systran carefully analyzed the learning requirements for process operators to ensure our library of microlearning is compatible with the learning objectives of your process training or instruction.

LOOKING FOR SOMETHING CUSTOM?

We specialize in custom 3D modeling for learning applications. Systran creates tailor-made animations of your unique equipment or process. Leverage our experience and expertise to build exactly what you need to make your learning more effective.



CONTACT US FOR A FREE TRIAL!

LIBRARY OF TOPICS

BOILERS & HEATERS

- Air Heater
- Combustion Air Preheater
- Deaerator
- Fired Boiler
- Fired Heater
- Steam Drum

EXCHANGERS

- Air Cooler (L/G)*
- Cooling Tower
- Cryogenic Heat Exchanger
- Heat Exchanger (L/G)*
- Heat Recovery Steam Generator
- Heating / Cooling Jacket
- Thermosyphon Reboiler

REACTORS

- Batch Reactor
- Fixed Bed Reactor
- Pharmaceutical Batch Reactor
- Tubular Reactor

COLUMNS

- Absorber/Contactor
- Bubble Tray
- Distillation Column
- Fractionation Column
- Glycol Contactor
- Stripper Column

TANKS

- Continuous Stirred Tank
- Flash Tank
- Floating Roof Tank
- Pressurized Storage Sphere

COMPRESSORS

- Centrifugal Compressor
- Reciprocating Compressor
- Turbine Compressor

PUMPS

- Centrifugal Pump
- Diaphragm Pump
- Multistage Centrifugal Pump
- Plunger PD Pump

DRIVERS

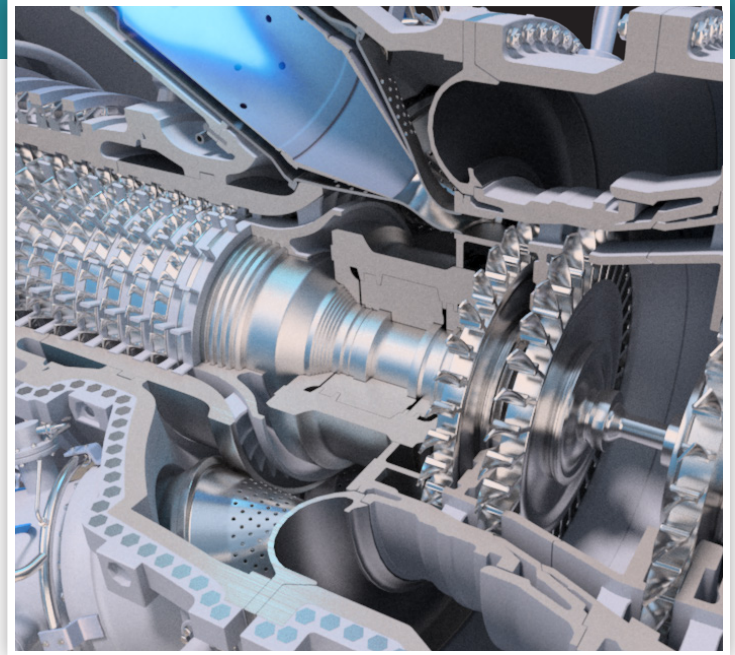
- Gas Turbine
- Turboexpander
- Variable Speed Electric Motor

VALVES

- Drag Valve
- Gate Valve (L/G)*
- Globe Valve
- JT Valve
- Needle Valve
- Plug Valve
- Pneumatic Control Valve (L/G)*
- Relief Valve
- Swing Check Valve

INSTRUMENTATION

- Flow Meter
- Inline Analyzer
- PLC
- Pressure Tap / DPI
- Radar Level Gauge
- Temperature Measurement
- Ultrasonic Flow Meter



UPSTREAM

- Crude Oil Well
- Plunger Lift
- Sucker Rod Pump
- Wellhead

PIPELINE/MIDSTREAM

- Line Heater
- Pig Launcher
- Pig Receiver
- Three-Phase Separator

FLARE

- Flare
- Flare Header & Seal Drum
- Flare Stack

SULFUR RECOVERY

- Claus Thermal Reactor
- Sulfur Condenser
- Tail Gas Coalescer

WATER TREATMENT

- Reverse Osmosis

ETHANOL

- SSCF Fermenter

DELAYED COKER

- Coke Drum

FCCU

- Cyclone
- Fluidized Bed Reactor
- Riser / Regenerator

OTHER EQUIPMENT

- Amine Filter
- Blower
- Electric Generator
- Filter
- Molecular Sieve Drier
- Steam Ejector

COMING SOON

- Basket Centrifuge
- Block Exchanger
- Double Pipe Exchanger
- Fixed Roof Tank
- Flame Arrestor
- Knockout Drum
- LACT Unit
- LNG Tank
- Plate & Frame Exchanger
- Rupture Disk
- Screw Compressor
- Weir Diaphragm Valve

* liquid (L) / gas (G)