



FIRE PUMP OPERATOR SIMULATORS



FIRE
SIMULATION TRAINING

 **FAAC**
INCORPORATED

PUMP OPS SIMULATOR

The Pump Operator Simulator is a full-size replica of a Fire Engine Pump Panel. Its realistic components and functionality provide safe, economical, and highly-realistic training on pump panel operation in a controlled, repeatable environment.

The simulator is intended to supplement pump training on a real fire apparatus and performs many of the same functions. It allows reinforcement of hands-on pump operations training for new and existing pump operators in a disciplined, cost-efficient and fail-safe manner, **preventing injuries** to the trainees and **damage to the equipment**. Reduce your environmental impact, by **not having to flow 1,000 gallons of water** or harmful foam. With the Pump Ops simulator, you can **train in any weather** and **keep units in service**, and reduce support personnel.



**KEEP UNIT
IN SERVICE**



**TRAIN IN ANY
WEATHER**



**PREVENT
INJURIES**



**PREVENT
DAMAGE**



SAVE WATER



PO-1000-TM
TOP MOUNT PUMP OPERATOR SIMULATOR
CONFIGURATION SHOWN MAY VARY

A VIRTUAL PLATFORM FOR REAL TRAINING EVOLUTIONS

System Features:

- Modular unit built into a free-standing cabinet
- Mixture of authentic components and LCD displays
- Multiple pump, nozzle, hose configurations
- The “inner” workings of the panel are simulated through software — no pumps, valves, or water
- Active student assessment forms

Optional Upgrades:

- 2-Stage pump
- Trident AirPrime[®]
- Dump tank operations/student view
- Radio/intercom system
- Heavy-duty casters

PO-1000-SM
SIDE MOUNT PUMP OPERATOR SIMULATOR
CONFIGURATION SHOWN MAY VARY



Instructor Operator Station

The simulation is controlled via an Instructor Operator Station (IOS). The IOS is a touch-screen menu-driven interface. The IOS allows the Instructor to control the simulation, set conditions/faults, and monitor performance.

The IOS Primary Functions

- Set hose configuration
- Select an evolution
- Monitor progress of an evolution
- Insert malfunctions
- Setting options and other values
- Student performance assessment
- Print reports

FAAC SERVICE, SUPPORT AND CUSTOMER RESOURCES

FAAC has a “customer for life” philosophy. We understand the importance of training and operational readiness. FAAC offers unsurpassed service and support.

- Dependable, Reliable, and Proven
- Turnkey Delivery
- Subject Matter Specialists
- Instructor Development Certification Programs
- Extended Warranty/Service Programs

MAXIMIZING TECHNOLOGY THROUGH SUPERIOR APPLICATION

TRAINING THE CONTINUUM

Instructor Development:

FAAC's industry leading Instructor Development Program goes well beyond teaching your instructors on how to use the simulator. Built from years of hands-on practical application training, FAAC transfers that knowledge to your team through its Simulator Instructor Training Courses. The program is designed for both the beginner and the seasoned instructor. Advanced courses offer the integration of your policies and further curriculum development.

Next Level Training:

- Public safety and judgment
- Vehicle operation
- Conditioned cognitive reaction
- Controlled response training
- Policy and procedure review
- Decision making
- Scenario Review



VITALS — Virtual Instructor Trainee Assessment Learning System:

- Effective grading and review process
- Record students' every step
- Analyze performance and debrief
- Customize events to agency tolerances
- Policy verification

AASR — After Action Scenario Review:

- Re-play / Re-drive
- Synchronized live video
- Classroom review
- Real-time instructor review



FAAC.COM/PUMPOPS

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