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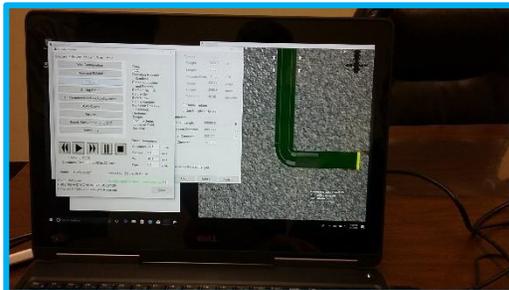


Data Sheet and Specification for:

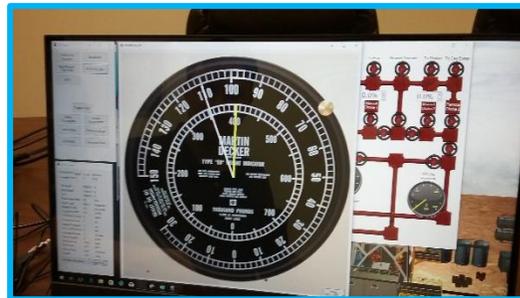
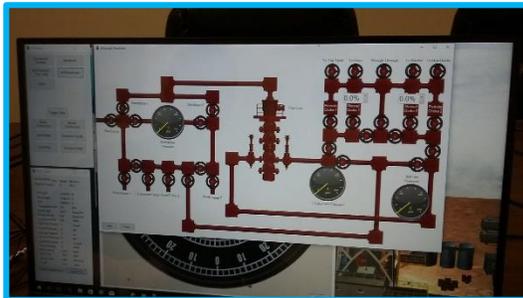
CS Inc. Model No. DPWS-12UL ULTRALIGHT DRILLING AND WORKOVER SIMULATOR
- Also referred to as the *“Ultralight Touch (or just ULT)”*



Included in this simulator package is an instructor laptop computer, 2 each 22-inch touch screen HMI (Human Machine Interface) monitors and 2 joy sticks.



The instructor's computer is used to launch and control the simulation exercises. The instructor can monitor and record all key parameters during an exercise. Well problems and equipment failures can be initiated at any time or programmed in advance.



The Driller uses a touch screen HMI to operate and interact with the rig equipment such as pumps, the lineup of the choke and stand pipe manifolds as well as the lineup of the BOP. The driller also has a joy stick used for pipe handling operations such as running pipe in and out, making and braking connections and setting slips. The Top drive control is also located and operated on the driller's joy stick.

Please See Reverse Side





The Supervisor uses an HMI to interact with the choke gauges and controls that are used on a remote choke. The Supervisor also has a joy stick used to open and close the choke during well control scenarios. This simulator is packaged in a single small light weight pelican case that is durable enough for shipping and airport handling. Two mounting brackets are included for table top mounting of the joy sticks.



The same reliable multiphase CS downhole model is utilized as it is for all of CS simulators. 3D graphics are standard on this model. The simulator meets and exceeds requirements set by IADC WellSharp and IWCF.

Other Information about the ULT:

- Components:
- Touchscreen for Driller
 - Touchscreen for Supervisor
 - Laptop with Windows 10 Pro for Instructor
 - Table clampable joystick for Driller
 - Table clampable joystick for Supervisor
 - CS Software with 3-Dimensional Graphics
 - Surface or Subsea operation
 - Drilling Well Control or Workover Well Control
 - Robust Lightweight Case with wheels and telescoping handle
 - CS Solid Technical Support via phone, email or VoIP included
 - All necessary cabling (Overseas power adaptors not included)
 - 2-year warranty on hardware and software (ship back to CS Inc. basis)
 - Complimentary 3 day training course at CS Factory

Approximate Gross weight packed in Case: 55 lbs. (25 kg)
 Power Requirement: 110-220 Vac 50-60 Hz Single Phase

Please contact CS Inc. for more information and pricing.

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