

Lease Automatic Custody Transfer (LACT) Component Cutaway & Demonstration Package



Model: 295-696

A Lease Automatic Custody Transfer (LACT) unit is a piece of industrial equipment that measures the volume and quality of a liquid hydrocarbon product as it gets transferred via an automated system from the custody of one legal entity to another. These units are commonly encountered in oilfield operations around the world.

For example, LACT units measure the quality and volume of crude oil transferred from lease locations into pipelines as part of automated processes. These units must be highly precise and accurate to provide consistent measurements and fluid analysis.

DAC Worldwide's LACT Component Cutaway and Demonstration Package (295-696) is a full-size, realistic mock-up of a generic LACT unit that has been purposefully modified for classroom training through the inclusion of multiple system component cutaways.

Carefully-sectioned components facilitate in-depth training in the operating characteristics and design details of the primary components of a LACT unit. DAC Worldwide's LACT Component Cutaway and Demonstration Package includes the following cutaway components: a dual-chamber, name-brand orifice fixture with related instrumentation taps; a Barton-type, 3-pen, circular chart recorder; and a Barton-type differential pressure unit.

The Lease Component Cutaway and Demonstration Package also enables realistic, hands-on practice in the replacement and/or inspection of an orifice plate, a commonly-performed task workers will encounter on the job. This system is an essential part of a comprehensive operations and maintenance training program for upstream oilfield production operations.

Industry-Standard Components Provide Realistic, Hands-On Training

Technical training is most effective when learners can gain hands-on practice with industry-standard components they'll encounter on the job. The LACT Component Cutaway and Demonstration Package features a wide variety of common, industrial-quality components and instruments to provide learners with a realistic training experience that will build skills that translate easily to the workplace.

The LACT Component Cutaway and Demonstration Package is a sturdy unit that features full-size steel construction throughout. Components are painted using a high-durability urethane coating. The unit also features a structural steel support skid with provision for fork truck re-positioning.

Some of the industrial-quality components include: remanufactured name-brand, 2" dual-chamber orifice changing assembly with multiple cut-away areas; two supplementary stainless steel replacement orifice plates; remanufactured stanchion-mounted, Barton-type, 3-pen, differential pressure circular chart recorder with multiple cut away areas; Barton-type differential pressure unit cutaway; and representative pressure, differential pressure, and temperature connections with connecting tubing/cable.

Courseware & Hands-On Exercises

The Lease Automatic Custody Transfer Component Cutaway and Demonstration Package's courseware consists of a user's guide with hands-on exercises. These can be used as part of either an instructor-led course or self-directed study. Learners will explore a wide variety of fundamental LACT unit topics, including removal and installation of an orifice plate.

FEATURES & SPECIFICATIONS Important Product Note: *Photographs are representative and for reference only. Product appearance and dimensions may vary based upon component manufacturer and availability. Any product dimensions given, such as size and weight, are approximate and for directional use only. For the most accurate shipping dimensions and weights, please contact the manufacturer.*

- Full-size steel construction throughout.
- Remanufactured, name-brand, 2" dual-chamber orifice changing assembly with multiple cut away areas.
- Two supplementary stainless steel replacement orifice plates.

- Remanufactured, stanchion-mounted, Barton-type, 3-pen, differential pressure circular chart recorder with multiple cut away areas.
- Barton-type differential pressure unit cutaway.
- Structural steel support skid with provision for fork truck repositioning.
- Representative pressure, differential pressure, and temperature connections with connecting tubing/cable.
- Painting throughout using a high-durability, urethane coating.
- Crating for shipment via motor freight.

PRODUCT DIMENSIONS **DISCLAIMER:** *Product Dimensions are approximate. Shipping Dimensions and Weights are for directional use only and may change based on manufacturer variables. For the most accurate Shipping Dimensions and Weights, please contact the manufacturer.*

- **Product Dimensions**

(L x W x H)

24" x 61" x 60" (610 x 1549 x 1524 mm)

- **Shipping Dimensions**

(L x W x H)

25" x 62" x 36" (635 x 1575 x 914 mm)

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