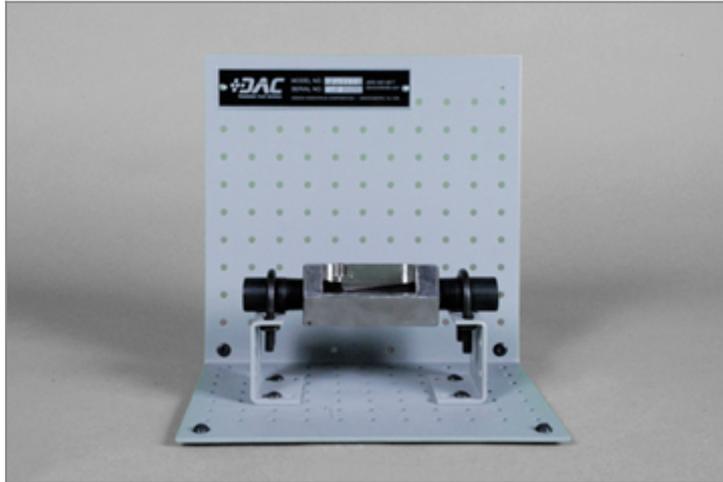


# Venturi Flow Meter Cutaway



Model: 273-710

DAC Worldwide's Venturi Flow Meter Cutaway (273-710) depicts a classic venturi tube arrangement and facilitates visualization of its internal geometry and its operating principle. Venturi flow assemblies, coupled with differential pressure transmitters, are commonly used in inferring liquid and gas flow rates based on pressure differentials across a known constriction. These devices are commonly used for flow measurement in a variety of process industries.

The Venturi flow meter produces a differential pressure to calculate flow rate through a pipe. The meter works by measuring the pressure of a fluid before and after it passes through a narrow tube; the pressure difference indicates the volumetric rate of flow.

The assembly includes a formed-steel support mounting structure, enhancing the viewing angle and allowing for mounting on related display and support structures. Through careful sectioning, the complete internal geometry of the device can be seen including entry cone, constricting throat, pressure recovery exit cone, and both high and low pressure taps.

The cutaway is mounted on a 14-gauge, formed-steel, powder-coated mounting stand with component attachment brackets. It can also be mounted on related DAC Worldwide bench, workstation, and storage products.

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## **FEATURES & SPECIFICATIONS**

- Sectioning of an actual precision-machined, Brass 0.75-in. venturi tube
- Carefully-considered, full longitudinal cutaway unveiling full internal geometry
- 14-Gauge, formed-steel, powder-coated, mounting stand with component attachment brackets
- Provision for mounting on related bench, workstation, and storage products

## **PRODUCT DIMENSIONS**

- 9-in. L x 9-in. W x 9-in. H (230 x 230 x 230 mm)

- 7 lbs. (3.3 kg)

## **OPTIONS**

- Recommended #902V - Mobile Display Stand

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