



## HERMetic Accessories for gauging and sampling

Honeywell Tanksystem provides the HERMetic range of portable hand dipping, gas sampling and gas pressure measurement for connection on all HERMetic compact valves. These accessories essential to operations help you comply with the IMO requirements on Tanker Safety and Pollution Prevention 1978.

# Accessories

## HERMetic DIP 1

Standard device for checking bottom of dry tanks under restricted conditions. A 150 mm long graduated DIP weight is attached to a 30 metres long braided cotton line which is wound on a hasp. The storage tube is fitted with a quick connect coupling for fast and easy installation on all 1 Inch quick connect nipples.

Weight: 1,5 kg

## HERMetic DIP 2

A 500 mm long graduated DIP rod, designed for easy penetration of sediments on tank bottom, is attached to a 30 m. long stainless steel tape, which is coiled on a reel graduated in combined metric and English unit. The storage tube is fitted with a quick connect coupling for fast and easy installation on all 1 Inch quick connect nipples.

Weight: 3,3 kg

## HERMetic DIP 2 Gas tight

The HERMetic DIP 2 is also available in closed, gas tight version. The gas tight construction of this unit avoids a pressure release from the tank and exposure to toxic fumes during operation.

## HERMetic OXY

As per IMO requirement on Tanker Safety and Pollution Prevention, oxygen level shall be determined before start of crude oil washing. The HERMetic OXY samples inert gas ( or any other gas ) over full tank height without escape of gas to the atmosphere. Hollow brass plug fitted to the rubber hose of up to 30 meters length. Valve provided on hose before gas analyser ( analyser not supplied ) for air purging of hose. HERMetic OXY adapts to all 1 Inch quick connect nipples.

Weight: 3,8 kg

IMO requirements on Tanker Safety and Pollution Prevention, 1978 - resolution 15

Annex 6.6 : Before each tank is crude oil washed, the oxygen level shall be determined at a point 1 meter from the deck and at the middle region of the ullage space and neither of these determinations shall exceed 8 percent by volume.

## HERMetic PRESS

Tanker operation requires verification of tank pressure without potential for error due to signal conversion or remote transmission. This rugged high precision gauge provides reliable reading within the range of 1500 mm vacuum and 2500 mm pressure. Gauge is protected by thick rubber rim and mounted on top of vapour tight adaptor for closed tank operation. Quick connect coupling lower end for use with all 1 Inch quick connect nipples.

Weight: 1,5 kg



HERMetic Dip1



HERMetic Dip2

*For connection on HERMetic valves with 2" connector, an additional adaptor can be supplied.*



HERMetic OXY



HERMetic Press

The IMO requirements on Tanker Safety and Pollution Prevention, 1978 - resolution A.446(XI), § 4.4.4 : Means such as level gauges, hand dipping, and stripping system performance gauges as referred to in paragraph 4.4.8 shall be provided for checking that the bottoms of cargo tanks are dry after the crude oil washing. Suitable arrangements for hand dipping must be provided at the aftermost portion of a cargo tank and in three other suitable locations.

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