

## Hydrostatic Whole Core Holder (HWC)

The HWC Series are standard Hydrostatic type core holders employed in studies involving fluid displacement. One great advantage of these core holders is the application of both radial and axial (equal) confining pressures. A cylindrical core sample is fitted in a Viton sleeve and mounted onto a fixed platen at one end while at the other end, there is a floating platen through which the fluid passes via a ¼ in. diameter tubing. This design enables firm contact between the platen and core sample for a wide range of core lengths. To change a core sample, the confining fluid must be drained and the end plug unscrewed by manually rotating it counter-clockwise. This will withdraw the entire assembly: fixed platen, sleeve, core and floating platen. Subsequently the core can be removed from the sleeve. Loading a new core sample is carried out by performing this procedure backwards.



Specification	HWC-BR01
Max. Working Pressure	6000 Psi
Working Temperature	Ambient to 150 °C
Core Diameter	4 Inches (Customizable)
Core Length	12 Inches (Customizable)
Wetted Material	Stainless Steel
Inlet Port	One (Other on Request)
Outlet port	One
Fitting	NPT
Sleeve Material	Viton

### Contact info:

+98 71 3624 6968 / +98 71 3624 7604  
info@petroazma.com  
www.petroazma.com

### Address:

Fars Science and Technology Park,  
Aryan St., Dr.Hesabi Blvd., Shiraz, I.R.Iran  
P.O Code: 7197687811