

<b>Product Name :</b> Heat Transfer Pilot Plant With Shell-And-Tube And Coil Heat Exchangers	<b>Product Code :</b> DM122
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#### Description :

Heat Transfer Pilot Plant With Shell-And-Tube And Coil Heat Exchangers

#### Technical Specification :

Heat Transfer Pilot Plant With Shell-And-Tube And Coil Heat Exchangers  
Framework of AISI 304 stainless steel with castors  
Coil heat exchanger with pipes of AISI 304 stainless steel and shell of borosilicate glass, exchange surface of 0.1 m<sup>2</sup>  
Shell-and-tube heat exchanger with tubes of AISI 304 stainless steel and shell of borosilicate glass, exchange surface of 0.1 m<sup>2</sup>  
2 variable area flowmeters of glass and steel, with range of 100 to 1000 l/h  
4 thermo-resistances Pt 100 with sheath of AISI 304 stainless steel  
4 electronic temperature indicators  
Piping and valves of AISI 304 and AISI 316 stainless steel  
Switchboard IP55, complying with EC conformity mark, including plant synoptic and ELCB  
Emergency button  
2 electronic magnetic induction flow transmitters of AISI 316 stainless steel, range of 0 to 1000 l/h, 4-20 mA output signal  
2 pneumatic valves of AISI 316 stainless steel, Cv = 2.5, for flow control  
Microprocessor digital PID controller with serial card  
Supervision software for Windows: it enables to control ON-OFF signals, analog signals coming from PID controller, real-time trend and historical trend  
Power supply: 230 Vac 50 Hz single-phase - 0.5 kVA

(Other voltage and frequency under request)  
Dimensions: 1500 Å— 700 Å— 1800 mm

## Naugralabequipments

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