

<b>Product Name :</b> Training System Fundamentals of Hydraulics with Electrohydraulic Components	<b>Product Code :</b> AR652
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**Description :**

Training System Fundamentals of Hydraulics with Electrohydraulic Components

**Technical Specification :**

Training System: Fundamentals of Hydraulics with Electrohydraulic Components  
Training system providing an introduction to the fundamentals of hydraulic control engineering, BIBB concept  
Perforated metal panel for quick component fixing  
Oil drip tray  
Standard industrial hydraulic components  
Various multi-way valves, pressure limiting,  
Restrictor, flow control and non-return valves  
Hydraulic motor  
Diaphragm accumulator  
Weighted piston with guard  
Pressure hoses with self-closing quick-couplers  
Drive unit with gear pump

Technical Data:  
Assembly panel  
Length x Height: 1420x700mm  
Drive unit  
With gear pump  
Working pressure: 100bar

Flow rate: 4cm<sup>3</sup> per revolution  
Power output: 1,5kw  
Speed: 1500rpm  
Oil tank capacity  
25L  
Measuring tank  
3L, transparent  
Diaphragm accumulator  
1L  
Opening pressure: 140bar  
Pressure hoses  
225bar  
Emergency-off button  
Components set electro hydraulics  
Locking  
Sequence control  
Hold a load  
Experimental components  
1 plate with electric switching elements, 2 electric limit switches  
2 relays, 1 adjustable time relay  
2 4/2-way valves with spring return  
1 4/3-way valve, spring-centered, A, B, P, T closed in centre position  
1 4/3-way valve, spring-centered, A and B closed  
2 relays, 4 change over contacts each  
Time relay, 2 change over contacts, 0...30sec  
4 way solenoid valves 24VDC: 2x 4/2-way valve, 2x 4/3-way valve  
2 electrical limit switches, 1 make contact  
Electric switching elements, 2 break contacts, 2 make contacts

Technical Data:

Power supply  
24VDC  
Components mounted on plates  
Set of measuring leads  
4mm plug, red, black  
Electric switching element  
2 push buttons  
1 switch  
230V, 50Hz, 1 phase.

## Naugralabequipments

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