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1	<p>Hydraulic Trainer Kit, Measurement range: Up to 10 MPa (100 Bar) Accuracy: 1.6 % of full-scale value, Operating pressure: 20 bar, Max Permissible pressure: 12 MPa (120 bar) Max Rotary speed: 1950 per minute, Direction of rotation: Bi-directional, Operating voltage: 24 V DC.</p>	<p>Features: The kit is on mobile Trolley with wheels and Component storage box arrangement, All Hydraulic connections are with quick connector, safety clamping and quick plug in locking system, The equipment is mounted on mobile metal trolley with drip tray, The power pack is mounted at the bottom. The components can be easily mounted on the working area. Components. Single Acting Cylinder 40 mm dia x 75 mm stroke, Double Acting Cylinder 40 mm dia x 100 mm stroke, 4/2 Directional Control Valve (Spring Return) lever actuated: 02, 4/3 Directional Control Valve lever actuated Flow Control Valve: 02 Nos, Check Valve, Needle Valve, PO Check Valve, Pressure Relief Valve, Sequence Valve, 3/2-way directional Control valve spring return lever actuated, Pressure Reducing Valve, Manifold : 2 Nos. Hydraulic power pack should consist of: Pump: 3 LPM, Pressure: 20 bar, Motor: 0.5 HP, 3 phase foot/ flange motor, Oil Tank: 20 litre capacity (oil to be provided), Isolating Plate, Suction Strainer Filter, Oil Level Indicator, Distributor Block, Magnetic Drain Plug, Pressure Gauge, Pressure Relief Valve. Standard Accessories to be included: Pressure Gauge ϕ 100 mm, Branch Tee: 02 Nos, Measuring Flask (2 litres) with drain arrangement, Loading weight (15 Kg approx), Pulley arrangement (suitable to load), Hydraulic Hoses with Quick Couplers: 10 Nos, Detailed Instruction Manual</p>				

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2	Pneumatic trainer Kit	Workbench size: 1360 X 650 X 1650mm, Aluminum panel size: 1200 (L) X 600 (W), Pressure Gauge: 70 bar, Motor Power: 480W, Motor Phase: Single Phase, Power unit - air compressor, Power source: AC 220V±10% 50Hz/60Hz, Nominal volume: 6L, Rated output pressure: 0.85MPa, Air Filter, regulator & lubricator Unit (FRL unit), Single acting cylinder, Double acting cylinder, Pressure manifold with six valves for multiple connections, Flow control valve, Shuttle valve, Dual pressure AND valve, Non-return valve, 5/2-way hand lever valve, 5/2-way Push button valve, 5/2-way Roller lever valve, 3/2-way single solenoid shuttle valve, 3/2-way mushroom operated spring return valve, 3/2 double solenoid shuttle valve, 5/2 single pneumatic control, 5/2 double pneumatic control, 2/2 knob valve, 2/2 button valve, One-way throttle valve, Timer module, Limit switch, Push button switches, Pressure gauge, Proximity sensors, Pu tubings-10m, Tee-piece with fitting for tubing, Air compressor: 10L, 0.7Mpa, All input and output are terminated in 4mm shrouded connector, should provide 4mm banana cable for experiments., All the tools and accessories to be included with detailed instruction manual.	FESTO	Set.		
3	Hydraulic vane pump	Applications :SPM, Pump Type :Torque Vane pump, Model Name/Number :TPVR, Max Flow Rate :250, Type : Hydraulic Vane Pump, Power Source :AC Powered, Motor Speed :1000 RPM, Motor Horsepower :3 HP, Model :A37, 45, 56, 70, 96(FR-01 & FR-04)	Torque	Piece.		

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4	Hydraulic axial Piston pump	Normal Pressure:160 kgf/cm2,Maximum pressure :210 kgf/cm2,Power :Hydraulic,Material :Low-carbon steel	Rexroth Bosch	Piece.		
5	Centrifugal pump	Features:Durable nature,Perfect finish, Low maintenance,Optimum performance, Long service life	Non Stop	Piece.		

Total NU.