DESCRIPTION
The Basic Hydraulic Trainer consists of actual industrial grade hydraulic components and parts which are commonly apply and used in industrial field. It is classified into basic level training experiments. It is easily customizable in modular format for the logical analysis of electrics circuits, design and wiring in hydraulic and electro-hydraulic training experiments, which is included electric control for hydraulic sequence control. The expansion and compatibility of this modular system was considered with a 4mm binding post socket. It uses a standard plug-in profile panel for common use of all the training set. Each part could be horizontally or vertically attached and detached on the profile panel without any tools.

FEATURES
- Modular design allows modifications to suit needs/requirements of the course/students.
- Custom sizes for the modular-board can also be provided upon request.
- Additional modular components can be also available separately should the need arise.
- High quality durable rubber-silicone compound gourmet on the modular-board ensures that the components stay in place yet smooth enough to ease removal and placement of components.
- Comes with high quality industrial grade components complete with quick release coupling mounted ready for use!
- Plates are made of high quality machined steel that do not deform after continued usage.
- Unit comes with various height (tilt) settings.
- All modules complete with male quick release coupling.

NO DESCRIPTION QTY. CODE
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1 Plug Board Experiments Panel (600mm x 700mm), 1 224-101 Complete with:
i Built-in Pressure Manifold Module 1 224-102
ii Built-in Tank Manifold Module 1 224-103
2 Power Pack Unit, Complete with: 1 224-104
i 1HP Single Phase Electric Hydraulic Motor Module 1 224-105
ii Gear Pump 1 224-106
iii Drive Coupling 1 224-107
iv Oil Level Gauge with Thermometer 1 224-108
v Breather Cap 1 224-109
vi Strainer 1 224-110
vii Return Line Filter C/W Pressure Gauge 1 224-111
viii One Way Check Valve 1 224-112
ix Double Solenoid Directional Control Valve 1 224-113
x Modular Relief Valve 1 224-114
xi Pressure Gauge (0~150Bar / 0~3500psi) 1 224-115
xii Gauge Cock 1 224-116
xiii Circuit Manifold 1 224-117
xiv 20 Liters Reservoir Tank 1 224-118
xv Hydraulic Oil 1 224-119
3 Ball Valve Module 1 224-120
4 Pressure Gauge (0~150Bar / 0~3500psi) 2 224-121
5 4/3 Way Manual Control Valve C/W Built-In 1 224-122 Relief Valve Module
6 Double Acting Hydraulic Cylinder Module 1 224-123
7 T-Joint Module Complete with Quick Release 2 224-124 Coupling
8 Flexible Hydraulic Hose come with Female Quick 7 224-125 Release Coupling (0.8m)
9 Flexible Hydraulic Transparent Suction Spring 1 224-126 Return Hose come with Female Quick Release Coupling (1.2m)

COURSEWARE ACCESSORIES
NO DESCRIPTION QTY. CODE
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1 Instruction Manual With Collection Of Circuit 1 224-127 Exercises
2 Hydraulic Simulation Software (Optional) 1 224-128
3 Programmable Logic Controller Trainer - 30 I/O 1 224-129 (Optional)

Manuals:
(1) All manuals are written in English
(2) Model Answer
(3) Teaching Manuals

Warranty:
2 Years

General Terms:
(1) Accessories will be provided where applicable.
(2) Manuals & Training will be provided where applicable.
(3) Designs & Specifications are subject to change without notice.
(4) We reserve the right to discontinue the manufacturing of any product.

ORDERING INFORMATION:
ITEM MODEL NUMBER CODE
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BASIC HYDRAULIC TRAINER GOTT-BHT-224 224-000

* Proposed design only, subject to changes without any notice.