

BASIC HYDRAULIC TRAINER

Model Number : GOTT-BHT-224

**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 electric 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 are also available separately should the need arise.
- High quality durable rubber-silicone compound gasket 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
1	Plug Board Experiments Panel (600mm x 700mm), Complete with:	1	224-101
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 Relief Valve Module	1	224-122
6	Double Acting Hydraulic Cylinder Module	1	224-123
7	T-Joint Module Complete with Quick Release Coupling	2	224-124
8	Flexible Hydraulic Hose come with Female Quick Release Coupling (0.8m)	7	224-125
9	Flexible Hydraulic Transparent Suction Spring Return Hose come with Female Quick Release Coupling (1.2m)	1	224-126

NO	DESCRIPTION	QTY.	CODE
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 Relief Valve Module	1	224-122
6	Double Acting Hydraulic Cylinder Module	1	224-123
7	T-Joint Module Complete with Quick Release Coupling	2	224-124
8	Flexible Hydraulic Hose come with Female Quick Release Coupling (0.8m)	7	224-125
9	Flexible Hydraulic Transparent Suction Spring Return Hose come with Female Quick Release Coupling (1.2m)	1	224-126

COURSEWARE ACCESSORIES

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

Manuals:

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

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.

Warranty:

2 Years

ORDERING INFORMATION :

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

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