# Desktop Manual Hydraulic Pump - Calibrator BHP80A Series

#### **Features**

- High measuring performance
- Stability Class 0.05 of Full Scale
- · Design pressure range 0.. 720 Bar
- · Pressure transmitting media byransformer oil

User-friendly and Stable compression

· Fast pressure rising hydraulic system

### **Application**

BHP80A Series is a manual hydraulic pump, designed to provide pressure for calibrating pressure gauges and mostly measuring instruments. The BHP80A consists of hand pump, lead screw, shut-off valve, relieve valve and output interface. Also designed with stable compression and friendly calibration. Mostly be used in the laboratory, power plant, chemical, metallurgy and general industries.



#### **Technical Specification**



Pressure transmitting media
 Transformer oil
 Distilled water (For Non-oil gauge)

Stability class
 Class 0.05 of Full Scale

Pressure range
 Generating pressure 0.. 720 bar

Output interface connection
 ½" NPTF, G½"F or M20 x 1.5 female

Dimension
 450 L x 420 W x 200 H mm

Design Parts
 Hand pump
 Lead screw
 Shut-off valve
 Output interface x 3
 Relieve valve
 Fine adjusment valve

 Weights (Hydraulic pump only) 19.2 kgs

Package including
 Aluminum carrying case, adaptors set

# **Designed Structure Characteristic**



Master test gauge interface

Analog or digital test gauge interface



2 x Calibrating instruments interface



Pressure relieve function knob

Micro pressure adjuster

As fine pressure adjuster or lead screw

Oil reservoir
Oil filter and settler

Hand pump

Master pressure generating pump

#### Waste exhaust drawer

As drawer for waste exhaust to prevent board polluting

Shut-off valve

As oil filter and settler



# Ordering Code

# BHP80ATransmitting media

BHP80A Manual hydraulic pump

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Transmitting media
Transformer oil - For oil filed instrument
Distilled water - For non-oil instrument

