



RK TECHNOLOGIES

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RK-HHP-700

Hydraulic Hand Pump

* Upto 700 Bar | Oil Medium | Scissor Action | Fine Adjustment Vernier

Stainless Steel Body | Transparent Acrylic Reservoir | 100 cc Capacity



PRODUCT OVERVIEW

The RK-HHP-700 is a compact, hand-operated hydraulic pump designed for field and laboratory calibration of pressure gauges, indicators, transmitters and transducers, as well as hydrostatic pressure testing. Built with a stainless steel body and featuring a scissor-action mechanism, it generates high pressures up to 700 bar with minimum operator effort. The integrated Fine Adjustment Vernier and Open/Close Release Valve allow precise incremental pressure adjustments for accurate calibration.

KEY HIGHLIGHTS

- **Pressure Range: Up to 700 bar**
- Gauge Connection Port: 3/8" (F) BSP
- Test Connection Port: 1/4" (F) BSP
- Medium: Hydraulic Oil (Water: Optional)
- Reservoir: 100 cc Transparent Acrylic
- Body: Stainless Steel
- Dimensions: 240 x 185 x 95 mm (H x W x D)
- Weight: Approx. 1.8 Kg

APPLICATIONS

- Calibration of Digital and Analog Pressure Gauges and Indicators.
- Calibration and testing of Pressure Transmitters and Transducers.
- Hydrostatic Pressure Testing of pipelines, valves and fittings.
- Field verification of pressure instruments on industrial sites.
- Laboratory use for precision pressure measurement calibration.
- Suitable wherever high pressure generation up to 700 bar is required.

GENERAL SPECIFICATIONS

At ambient conditions | Stainless Steel Body | Oil Medium

Parameter	Specification
Pressure Range	Up to 700 bar
Gauge / Indicator Connection Port	3/8" (F) BSP
Test Connection Port	1/4" (F) BSP
Pressure Medium	Hydraulic Oil / Water (Optional)



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Oil Reservoir Material	Transparent Acrylic
Reservoir Capacity	100 cc
Body Material	Stainless Steel
Pressure Adjustment	Fine Adjustment Vernier with Open/Close Release Valve
Pumping Mechanism	Scissor Action (Minimum Effort)
Instrument Dimensions	240 x 185 x 95 mm (H x W x D)
Instrument Weight	Approx. 1.8 Kg

STANDARD PACKING LIST

Item	Qty	Remarks
RK-HHP-700 Hydraulic Hand Pump (Main Unit)	1 pc	
Hydraulic Oil	100 cc	Filled
Set of Seals	1 set	
Conformance Certificate	1 pc	
Instruction Manual	1 pc	English

OPTIONAL (ADD-ON) ITEMS

- Carrying Case (Soft / Hard)
- Analog / Digital Pressure Gauges
- Quick Connector
- Spare Seals Kit
- Hydraulic Hose with End Fittings (Length: 1 Meter)
- Water Operated Hand Pump
- Set of Adaptors: 1/8", 1/2", 3/8" BSP(F) x 1/4" BSP(M); 1/8", 1/4", 1/2", 3/8" NPT(F) x 1/4" BSP(M)

Contact RK Technologies for Pricing, Demo & Calibration Services

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