E.H. WACHS
A Division of ITW

P-3 PORTABLE POWERFUL PROTECTIVE

VALVE EXERCISING. REDEFINED.

PART NUMBER 83-0000-01

PORTABLE
Cordless. 37 lbs

POWERFUL
Continuous 200 ft/lbs

PROTECTIVE
Torque Controlled



Wachs P-3, a battery powered, cordless portable valve exercising machine, takes its place as the most technologically advanced handheld on the market. The P-3 is engineered primarily for the demanding task of exercising underground water main valves to AWWA standards, while also providing reliable operation of hydrants.

What makes the P-3 so advanced? First, it's highly **portable** - the P-3 needs no cords, invertors, or hydraulics. Light for its power and capabilities, it's ready to run - simply set it on a valve key and start your valve exercise program. An ergonomic folding handle and dual positioning handles make it quick and easy to move from valve to valve.

Second, it's extremely **powerful** - driven by an industrial grade 1.5 HP BLDC motor and 56V battery that will exercise up to 60 valves daily, the P-3 delivers up to 200 ft/lbs of continuous torque to turn all but the largest or stuck valves. A precision machined worm drive geartrain prevents "back drive", allowing full manual use of the tool.

Third, and most importantly, it's designed to be **protective** - of both the operator and the valve. The P-3 is torque-limited to 200 ft-lbs to provide effective performance while helping reduce the risk of operator injury. It's "torque-away" ergonomics further support safe operation. Integrated high-visibility safety lights help keep operators seen when working in or near roadways.



P-3 is equipped with forward facing, flashing amber safety lights and downward facing LED work lights.



Powerful 56V 438Wh battery runs approximately 5,000 turns / 60 valves depending on work conditions.



EasyKey see-thru chamfered keyway makes mounting the P-3 to valve keys fast and easy, even in low light.

E. H. Wachs | 600 Knightsbridge Parkway | Lincolnshire, Illinois 60069 | (847) 537-8800 | sales@turnvalves.com | **turnvalves.com**

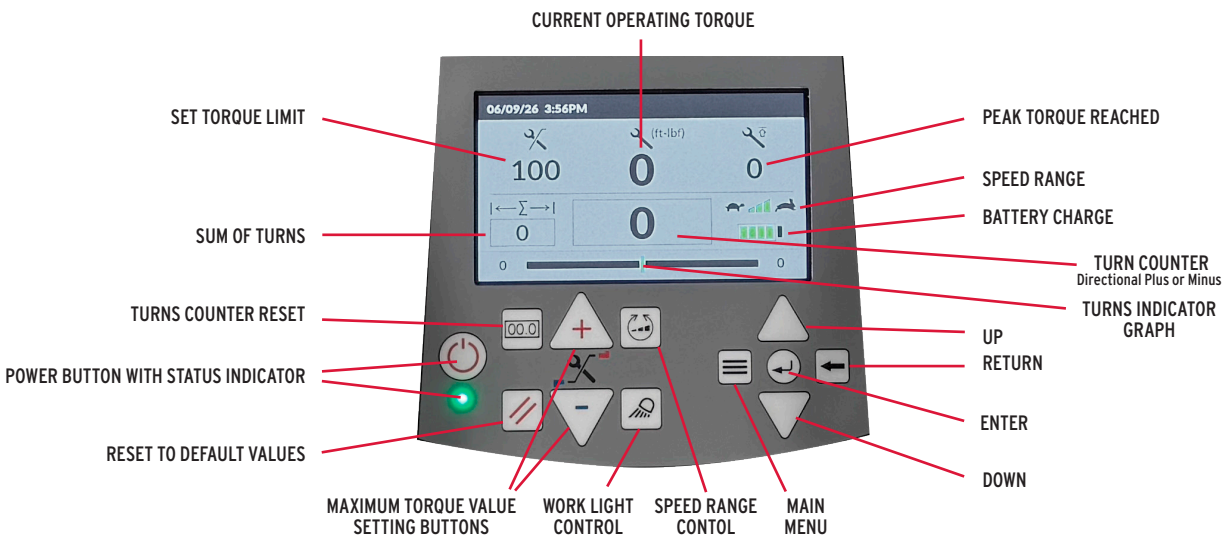
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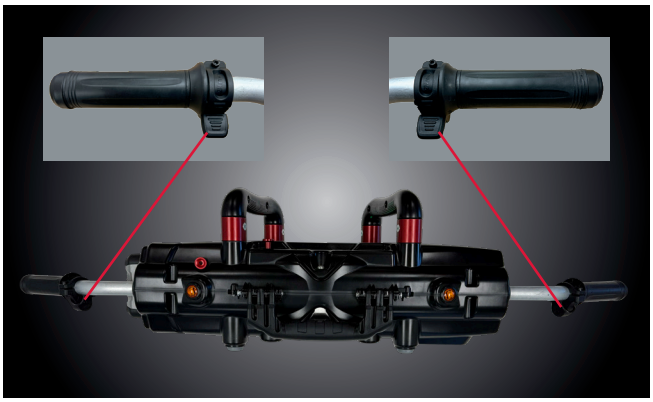
SPECIFICATIONS

Drive Motor Type.	1.5 HP max brushless DC electric drive motor with over temperature protection.		
Drive Motor Speed	0 to 48 rpm variable speed over three speed ranges: Low 0-10 (hydrant mode), Medium 0-25, High 0-48.		
Drive Motor Torque Control	25 to 200 ft/lb continuous torque with onscreen display of set, running, and maximum torque values.		
Battery Capacity	High capacity 8.7Ah, 438Wh, 56V lithium-ion battery in rubber overmolded polycarbonate case.		
Battery Charger	2 hour recharge time with LED indicator lights.		
Dimensions	Length: 40 inch (1016 mm)	Width: 13.5 inch (343 mm)	Height: 10 inch (254 mm)
Weight	37.6 lbs (17 Kg) with battery installed	31.1 lbs (14 Kg) without battery	6.5 lbs (3.0 Kg) battery only
Optional Equipment	Spare/Replacement 56V Lithium-Ion removable, rechargeable battery 83-4015-00 Telescoping Valve Key 11-408-00 (1 inch square male to 2 inch square AWWA socket) US 5 Point Hydrant Adaptor Kit 83-4031-00 Canadian 4 Point Hydrant Adaptor Kit 83-4030-00		





P-3 Kit 83-000-01 includes wheeled storage case, P-3 machine, battery charger, two batteries, plus storage pockets for optional hydrant kit.



Unique ergonomic handlebar controls for safer "torque away" operation. Directional throttles on each handle delivers precise speed control.

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