TC-100 TABLET CONTROLLER
- Microsoft® Windows 10 Enterprise
- Quad-core Intel® Processor
- Intel® HD Graphics
- 8 GB LPDDR4 Memory
- 128 GB Flash Storage
- Micro SDXC card slot

DISPLAY
- Active viewing area: 7″ (178 mm)
- Resolution: WXGA (1280 x 800)
- High-visibility backlit LCD for sunlight viewability
- Portrait or landscape orientation with automatic screen rotation
- Ambient light sensor

TOUCHSCREEN
- Capacitive multi-touch interface for use with gloves, small tip stylus, and in wet conditions
- Optically bonded for increased visibility and strength
- Chemically strengthened Dragontrail™ High Ion-Exchange (HIE™) glass, impact and scratch resistant

WIRELESS CONNECTIVITY
- Bluetooth® Smart Ready wireless technology, v5.0 + EDR, Class 1.5, BLE support
- Wi-Fi 802.11 a/b/g/n/ac, 2.4 GHz and 5 GHz, 2x2 MIMO antenna

KEYPAD
- Adjustable LED backlit keys
- Four-way directional navigation pad
- Windows/Power/Enter key
- Three user-programmable function keys

PHYSICAL
- Size: 5.40″ W x 8.48″ L x 1.36″ D (137 x 215 x 35 mm)
- Weight: 1.7 lbs. (770 g)
- Durable, chemical and shock resistant design
- Easy-to-grip, impact absorbing overmolded bumpers
- Lightweight and ergonomic design

OPTIONAL ACCESSORIES
- TC-100 Machine Mounting Cradle 79-110-16
- Replacement Vehicle 12VDC Charger 79-110-02
- Replacement / Spare Rechargeable Battery 79-110-14
- Replacement Valve Exerciser Control Cable 79-302-30
- Extended Warranty 3 Year Protection Plan 79-110-17

Part Number

79-422-05

TC-100 Tablet Controller
For Wachs Valve Maintenance Systems

Wachs Utility Products TC-100 ruggedized tablet controller is built on a powerful architecture running Windows 10 Enterprise and the latest version of Vitals® Software. Vitals is the improved way of controlling your Wachs valve maintenance systems while recording the data.

The unit's dust and water resistant enclosure meets IP68 and MIL-STD-810G ratings. It features a bright, sunlight-readable touchscreen display, speaker, 3.5 mm audio jack, dual digital microphone, USB 3.0 port, and a removable 43.2 Watt-hour Li-Ion battery to power you through the day.

The controller offers wired or Bluetooth® wireless connection options, helping you keep your crew curbside, out of traffic where accidents can occur.

The TC-100 kit (part number 79-422-05) includes the TC-100 controller with battery, standard stylus and tether, wet conditions stylus and tether, hand strap, AC wall charger, TC-100 vehicle charger, and Wachs control cable assembly.

Designed and assembled in the United States, the TC-100 offers superior build quality and secure data protection. It's supported by Wachs Utility Products US based customer service and includes a full one-year warranty against manufacturer defects, with a three year plan optionally available.

WACHS VITALS® SOFTWARE

Valve Exercising Control & Datalogging Software

Wachs Utility Products is class leading in both hardware and software, featuring our exclusive Vitals Mobile that comes preloaded on the TC-100 Tablet Controller. Vitals, an acronym for Valve Information Tracking and Logging System, includes two modules, Vitals Mobile and Vitals Desktop.

Here's how it works: Vitals Mobile on the TC-100 controls Wachs valve exercising equipment, which incorporates motors and sensors under computer control. During operation, the software records and stores valve exercising data, which you can then synchronize with the Vitals Desktop database on your office computer system for record-keeping and analysis. Vitals Desktop for Windows PC is available as a free download on turnvalves.com.

Vitals offers users the industry's safest and most precise control of valve operation. Digital torque and turn displays provide clear insight into a valve's condition, while the electronic torque sensor records the torque chart. Adjustable torque control limits include indicators that signal when preset limits are reached, and trigger auto shut down or auto reverse to prevent valve damage. Vitals gives you the ability to exercise valves, capture the data, and transfer it to your desktop utilizing the popular Microsoft Access database format.

VALVE INFORMATION RECORDED

- Valve Location
- Latitude & Longitude
- Valve Size
- Valve Condition (Open/Closed)
- Valve Type

VALVE ACTIVITIES RECORDED

- Date
- Valve ID
- Operator
- Number of Turns
- Direction
- Torque Chart
- Highest Torque
- Begin Time
- End Time

TC-100 power connection, USB 3.0 port and 3.5mm audio jack.

Stylus for easier control is stored internally.

Navigation and Programable buttons offer ease of use.

Long lasting battery changes quickly and easily.

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

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