FORNEYLINK® TOUCHSCREEN INTERFACE

FORNEY

The ForneyLink Touchscreen Interface features an intuitive user experience and seamless reporting that together elevate both your material test machine and your overall testing operation. It offers a flexible pathway for labs aiming to expand their data handling capabilities through the enablement of advanced data acquisition. Designed to retrofit most existing testing machines or integrate with new Forney systems, ForneyLink is compatible with both Automatic and Manual control systems and provides a dependable, standards-compliant path to digital transformation.

KEY FEATURES & CAPABILITIES

- Comprehensive Touchscreen Interface
- Real-Time Data Display & Capture
- Advanced Data Transfer & Connectivity
- Intelligent Control of Automatic Machines
- ForneyVault® Ready

IN THIS GUIDE

- Detailed capabilities
- Device specifications
- Power & compliance
- Models available
- Why choose the ForneyLink

Automatic Controls Test Screen Example

Manual Controls Test Screen Example

KEY FEATURES & CAPABILITIES

FORNEY

Comprehensive Touchscreen Interface

- 10" touchscreen control with user-friendly, menu-driven prompts
- Operators can simply touch the screen to open a function or enter values to set parameters
- Navigation includes: Test Run | Test Setup | Machine Setup | Calibration | Diagnostics | Reporting
- Real-time graphing: Load vs. Time, Stress vs. Strain, and Load vs. Displacement are available on advanced automatic machines

Advanced Data Transfer & Connectivity

- Automatic report generation
- USB ports, dual LAN ports, and Wi-Fi connectivity
- Compatible with printers via USB, LAN, and Wi-Fi

Intelligent Control of Automatic Machines

- One-button automated test execution
- Accurate control of load rate to meet ASTM, AASHTO, and other standards
- Frees operator during testing, improving efficiency

ForneyVault® Ready

- Native integration with ForneyVault Essential Concrete Testing Software
- Enables seamless CMT Software and LIMS integration
- Automatically uploads results to LIMS, QC, and approval workflows
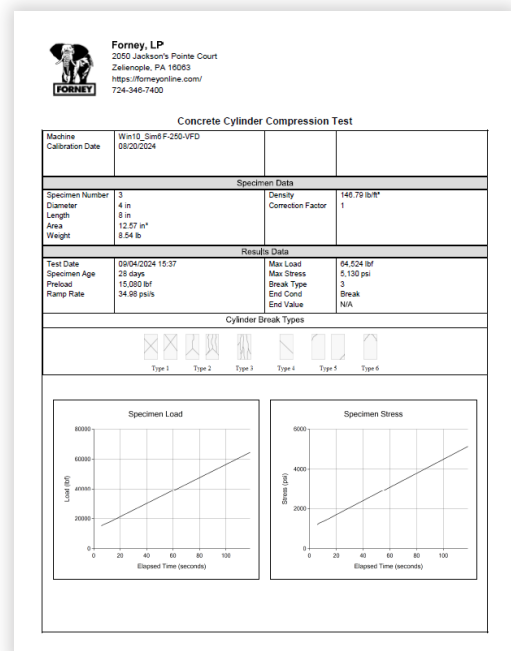- Alerts for calibration expiration, correction factor use, and result outliers

Real-Time Data Display & Capture

- Simultaneous display of Force, Stress, and Load Rate
- Ram position, specimen displacement, and strain can also be displayed simultaneously on equipped advanced automatic machines
- Built-in data buffering and storage for gigabytes of test records
- Display test data in user-selectable units:

> **Force: lbs, kN, kg, N**
> **Stress: psi, MPa, kg/cm², kPa**
> **Dimensions: in, mm, cm**
> **Time: seconds, minutes**

- Captured data points include:

> - Machine make, model, and capacity
> - Serial number and calibration date
> - Machine owner and operator contact details
> - Test ID, type, date, time, and specimen dimensions
> - Correction factor, ramp rate, load at break, stress at break, break type
> - Load vs. time and stress vs. time graphs

FORNEYLINK®
TOUCHSCREEN INTERFACE

FORNEY

DEVICE SPECIFICATIONS

- CPU: Intel E3845, 1.91GHz Quad-Core, fanless
- Display: 10" WVGA (1024x600px)
- Storage: 64GB SSD, 8GB RAM
- OS: Windows 10 IoT (64-bit)
- I/O: Wi-Fi 802.11ac, (2) USB 1.X, (1) USB 2.0, (1) USB 3.0, (2) Gigabit Ethernet
- Mounting: VESA-compliant

POWER & COMPLIANCE

- Power: 100–240 VAC, 50/60 Hz, 1.5 Amps
- Accuracy: ±1.0% over calibrated range (1% FS to FS)
- Compliance: Regulates testing parameters per ASTM/AASHTO standards
- Warranty: One-year limited warranty

MODELS AVAILABLE

- TA-1258 for manual machines
- TA-1270-23 for select automatic machines

LANGUAGES AVAILABLE

- English
- Spanish

Why Choose the ForneyLink?

- Futureproof your lab with scalable connectivity and remote support
- Ensure compliance with ASTM standards
- Streamline workflows by automating data collection and transfer via ForneyVault®
- Minimize operator error and testing variability
- Enable Remote Technical Support for rapid diagnostics and support
- Easy field installation as a retrofit package for existing units

CONTACT US

To learn more or request a quote, contact Forney LP:

2050 Jackson's Pointe Court, Zelienople, PA 16063 USA
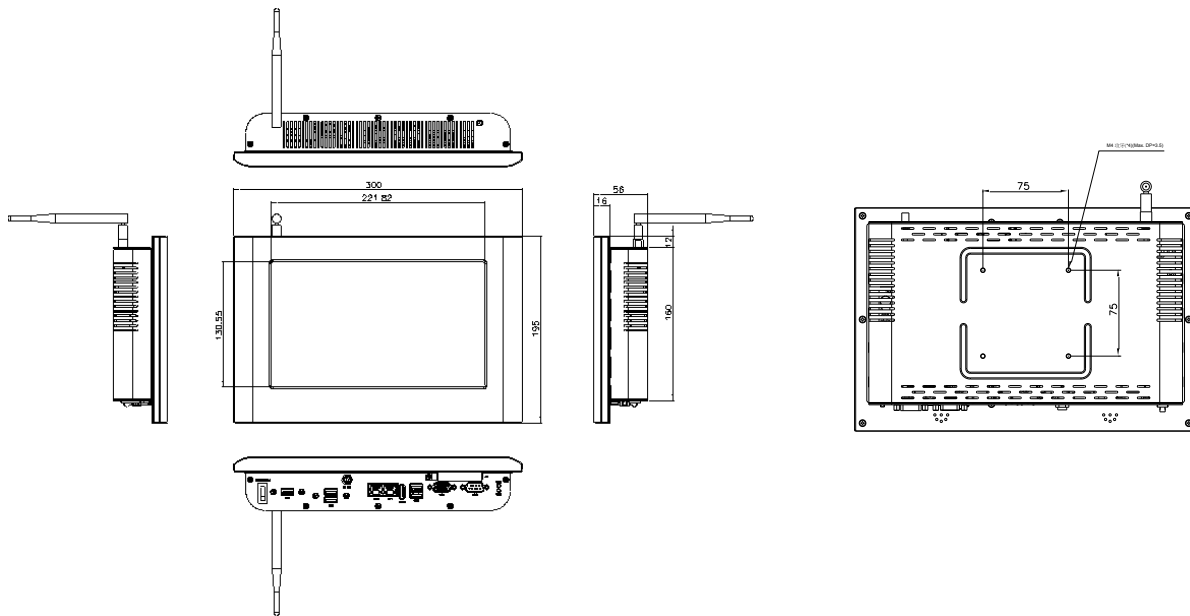
Ph: 724-346-7400

www.forneyonline.com

FORNEYLINK®
TOUCHSCREEN INTERFACE

FORNEY

SYSTEM DIMENSIONS

(Unit: mm)

TA-1258 COMPONENTS

WHAT'S INCLUDED:

ForneyLink TA-1270-23 HMI, articulating mounting arm, mounting plate, transducer cable, WiFi attenna, and AC power adapter.

V2025-06