Level Plus®
HT100 Hand-Held Terminal

Features
- **Works with MTS Direct Digital Access (DDA) compatible devices**
- **Performs system maintenance, diagnostics, and customization**
- **Uses standard EIA-485 data communications**
- **Portable (hand-held) and easy to use**
- **45 key keypad and LCD display**
- **Rechargeable battery (with 6V recharger)**
- **Includes interconnect cable and DDASETUP personal computer software utility**
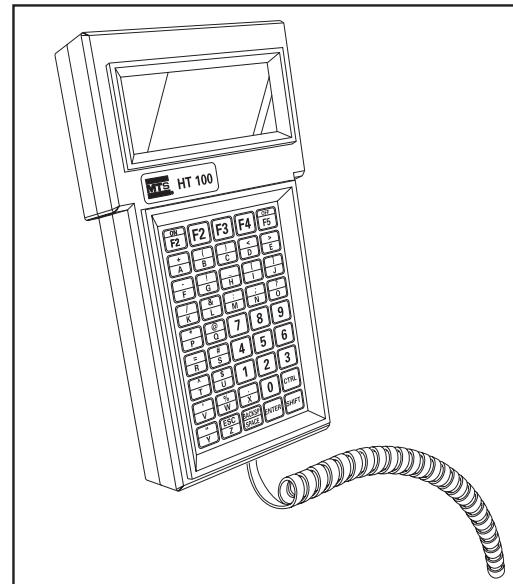
HT100 Hand-Held Terminal
The Level Plus HT100 is a convenient and cost-effective tool for supporting MTS Level Plus Direct Digital Access (DDA) tank gauges, Side Tank Indicators, and Tank Monitors in the field. The hand-held, microprocessor-based unit performs all the operations necessary for setting up, troubleshooting, and maintaining an MTS DDA tank gauging system. Using the HT100 allows users to program and perform diagnostics on-site, saving time and money.

The HT100 can be used to perform the following functions on DDA compatible devices:
- configure internal memory parameters to customize device operation
- adjust DDA tank gauge calibration registers
- execute general communication diagnostics
- perform general hardware diagnostics
- create internal memory archives (back ups) on field devices

All HT100 units include the MTS DDASETUP software utility to transfer field device memory data to and from PC compatible computers for long term storage.

The HT100 is portable and easy to use. Connection to a DDA network is simple using the interconnect cable provided with the unit. EIA-485 data communication is standard and a rechargeable battery and 6V recharger is included.

Complete Magnetostrictive System Package
In addition to the HT100, MTS offers other digital products to complete your tank gauging system. The Level Plus DDA tank gauge offers MTS pioneered magnetostrictive level technology as well as embedded temperature sensors to provide accurate level and temperature data. Only a single entry into your tank is required for installation.

Other available products include the Level Plus Tank Monitor, Side Tank Indicator, System80™ tank inventory software for your PC, and off-the-shelf communication interfaces for major brand Programmable Logic Controllers (PLC) or Distributed Control Systems (DCS).

Design flexibility in the Level Plus DDA System allows you to take full advantage of your existing hardware and wiring. Whether you require local indication, interface capabilities with your existing PLC or DCS, or software to equip your PC with inventory management functions, MTS can provide a complete tank gauging package to meet your requirements.

Parameter	Specifications
Environmental	
Operating Temperature:	32 to 122°F (0 to 50°C)
Storage Temperature:	-4 to 158°F (-20 to 70°C)
Humidity:	0 to 90% (non-condensing)
Mechanical	
Height:	7.15 in. (182 mm)
Depth:	0.95 in. (24 mm)
Width at display:	4.1 in. (104 mm)
Width at keyboard:	3.5 in. (89 mm)
Weight:	8 oz. (without battery)
Case Construction:	Molded high-impact ABS with retractable hanger
Electrical	
Display:	4 lines by 20 characters Liquid Crystal Display (LCD) with 8 levels of contrast control
Keypad:	45 tactile keys
Audio:	1.5 in. (38 mm) speaker
Power:	Rechargeable battery (8 hour capacity); plug-in 6V wall transformer supplied
Communication Interface:	EIA-485

All specification are subject to change without notice.
Consult MTS for verification of specifications critical to your needs.

How to Order

To order the HT100, use MTS part number 251259. Contact the MTS Level Plus applications department for additional product information.

ISO 9001
CERTIFIED