



Clarity

Urocheck 120
Urine Analyzer
Quick Start Guide

Clarity Diagnostics, LLC. Boca Raton, Florida 33487
Tech Support: 1-877-485-7877 www.claritydiagnostics.com
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MOSS GmbH
Schiffgraben 41
30175 Hannover, Germany





Urocheck 120 Quick Start Guide

The Clarity Urocheck 120 reads multi-analyte test strips and should only be run with urine samples. Refer to the Urinalysis Strip package insert and the Clarity Urocheck 120 Users Guide for more complete information.

Environment and Location

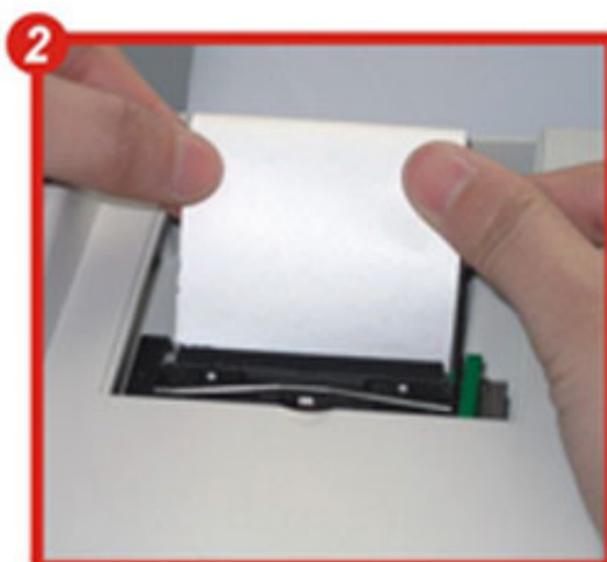
All tests must be run within an operating temperature of 59-86°F (15-30°C). Humidity levels must be less than 75%. Place the analyzer on a level surface. Allow 20 cm on all sides of the analyzer for access.

Installation

Plug the power cord into a power outlet, then press the power switch located on the back panel of the analyzer to turn the Clarity Urocheck 120 on. The Clarity Urocheck 120 will run a self-test. With no strip holder installed, the self test will fail indicating "Optical Sensor Failed". The Strip Holder Mount will be extended. Turn the analyzer power off.

Install Printer Paper

Pull up on the finger pull area marked  to open the **Printer Cover**. Place paper roll in the printer box. Feed the paper under the printer feed roller until the paper sensor threads the paper through the printer. Pull the paper out. Leave 10 cm (4 inches) of extra paper above the **Printer Roller**. Thread the excess paper through the **Printer Paper Access Slot** in the **Printer Cover**. Return the **Printer Cover** to its original closed position.



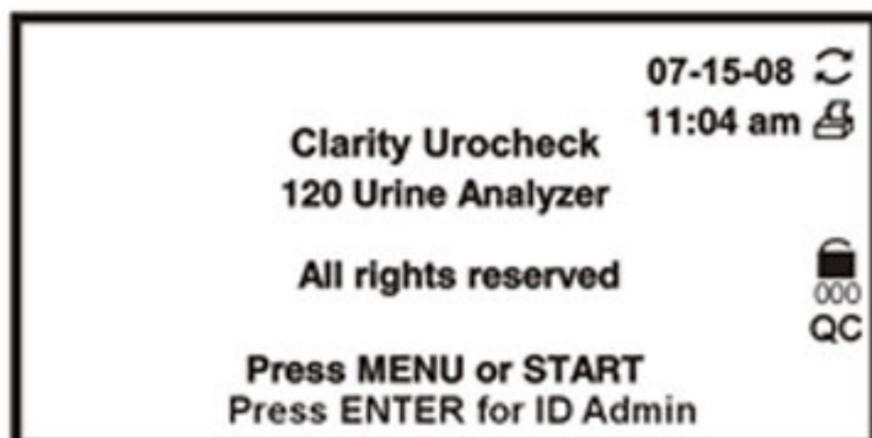
Install Strip Holder

Remove the plastic packaging from the provided Strip Holder. Place the Strip Holder on the Strip Holder Mount, white calibration strip first. The holder should slide loosely in the channel. Push the Strip Holder in until it snaps into place.



Power Up Analyzer

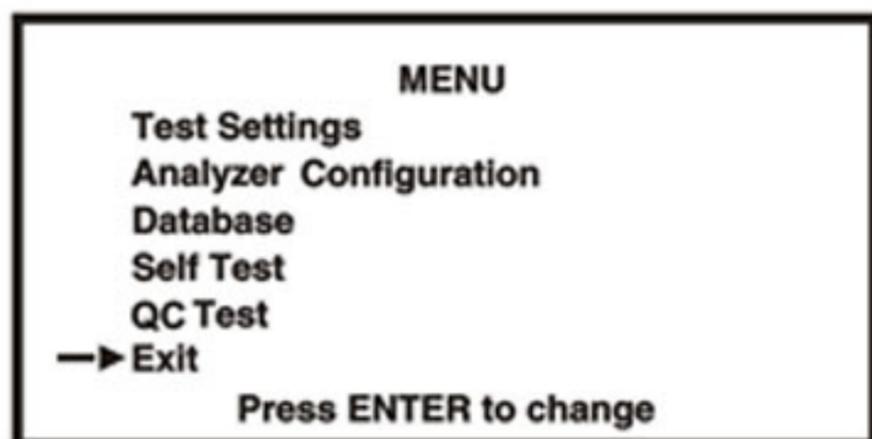
Turn the power to the analyzer on. The Self-Test will run again. The Strip Holder will be retracted. The Initial Screen will be displayed. Press **MENU** to configure the analyzer.



Configure

Select options by pressing ▲ or ▼ until the Selection Arrow (→) is next to the option. Press **ENTER** to show the options in a new screen or cycle through the settings. Select **Exit** and press **ENTER** to return to the Initial Screen.

Select **Test Settings** and press **ENTER**.

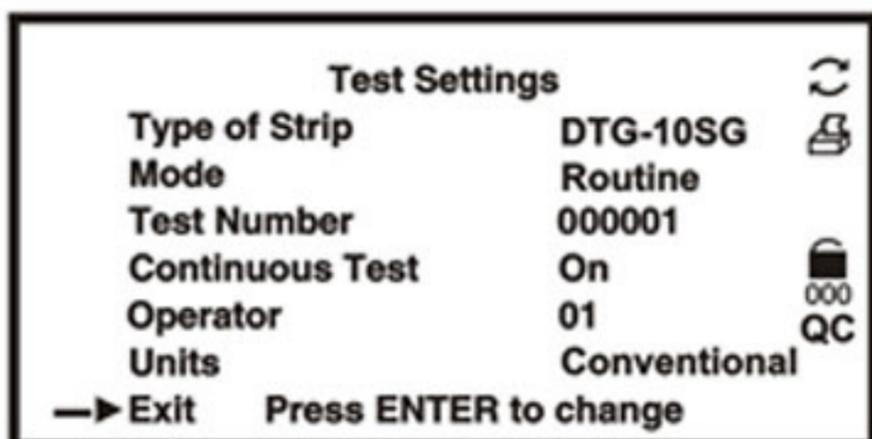


Test Settings Menu

Select **Test Settings** and press **ENTER**.

Select Type of Strip

Select **Type of Strip**. Press **ENTER** to change the strip type. DTG-10SG has 10 parameters, DTG-URO7 has 7 parameters, DTG-5OB has 5 parameters, and DTG-4OB has 4 parameters. Press **ENTER** until **Type of Strip** matches the strips to be used.



Test Setting: Select Mode

Select **Mode**. Press ENTER to change the Mode to **Normal**.

Test Setting: Select Single Test

Select **Continuous Test**. Press ENTER until **Off** is displayed.

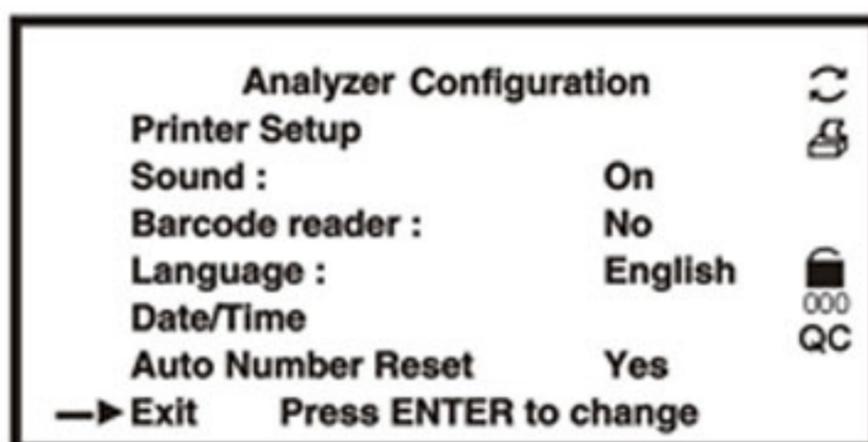
Test Setting: Select Units

Press ENTER to select **Conventional** or **SI** units.

Analyzer Configuration Menu

Select **Exit** and press ENTER to show the **Menu** screen again.

Select **Analyzer Configuration** and press ENTER.



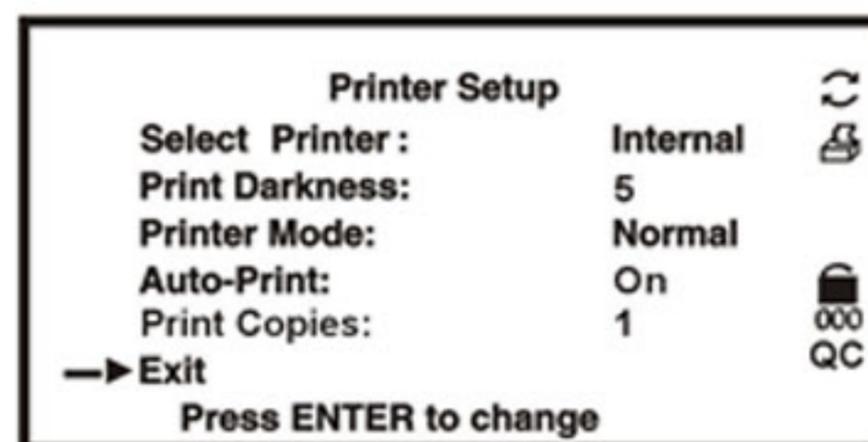
Analyzer Configuration: Printer Setup

Select **Printer Setup** and press ENTER to show the Printer Setup screen. Select **Select Printer** and press ENTER to cycle through **Internal** or **External** options. **Internal** will use the internal printer.

Select **Auto-Print** and press ENTER to cycle through Auto-Print **Off** or **On**. **On** will automatically print all results.

Select **Print Copies** and press ENTER to select the number of copies to print, from 1 to 3.

Select **Exit** and press ENTER to exit this screen.

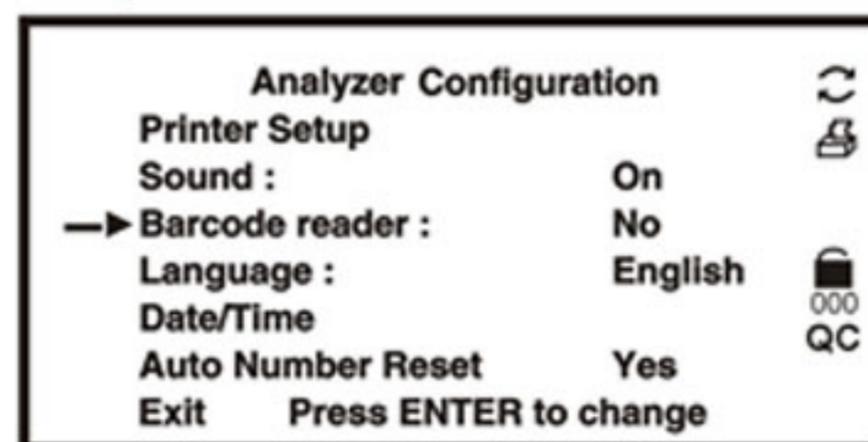


Analyzer Configuration: Sound

Select **Sound** and press ENTER to cycle through the audio options. Set to **On** for all audio prompts and indications.

Analyzer Configuration: Barcode Reader (Optional)

If no Barcode Reader is present, leave this selection at **No**. If Barcode reader is present, set this setting to **Yes**. Refer to the user guide for installing and configuring the optional Barcode reader.



Analyzer Configuration: Set Language

Select **Language** and press **ENTER** to cycle through the available display languages. Leave the selection on the chosen language.

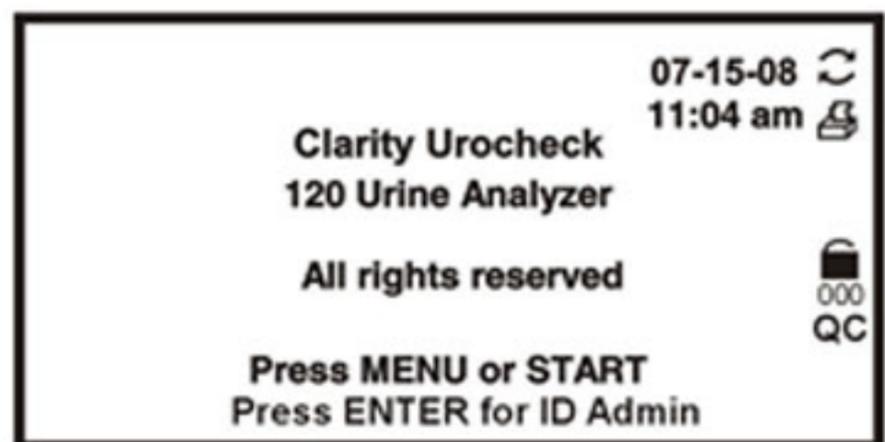
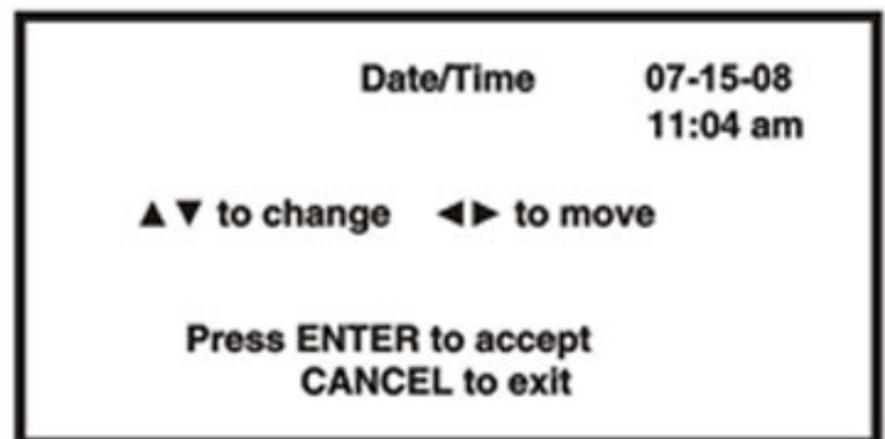
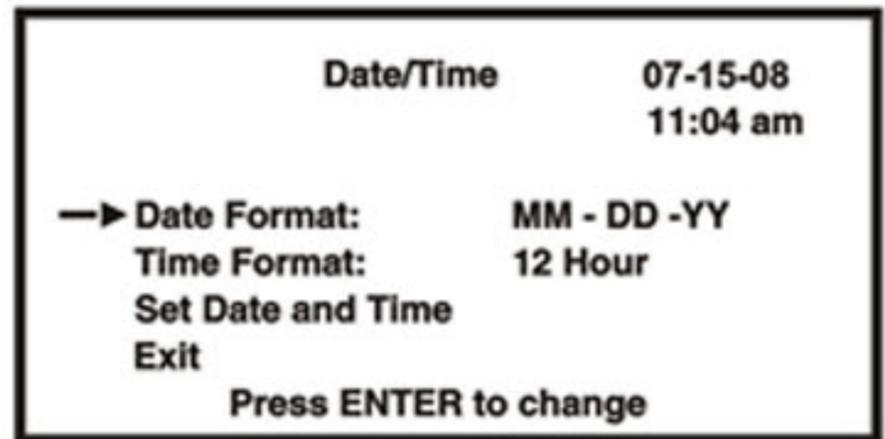
Analyzer Configuration: Set Date/Time

Select **Date/Time** to show the Date/Time menu. Selecting **Date Format** and **Time Format** then pressing **ENTER** will cycle these selections through the available options. Select the proper format.

Select **Set Date and Time** and press **ENTER**. Follow on-screen directions to set the current time and date. Press **ENTER** to accept the changes and exit the screen. Press **ENTER** again to exit the Date/Time menu.

Select **Exit** and press **ENTER** to return to the Menu screen.

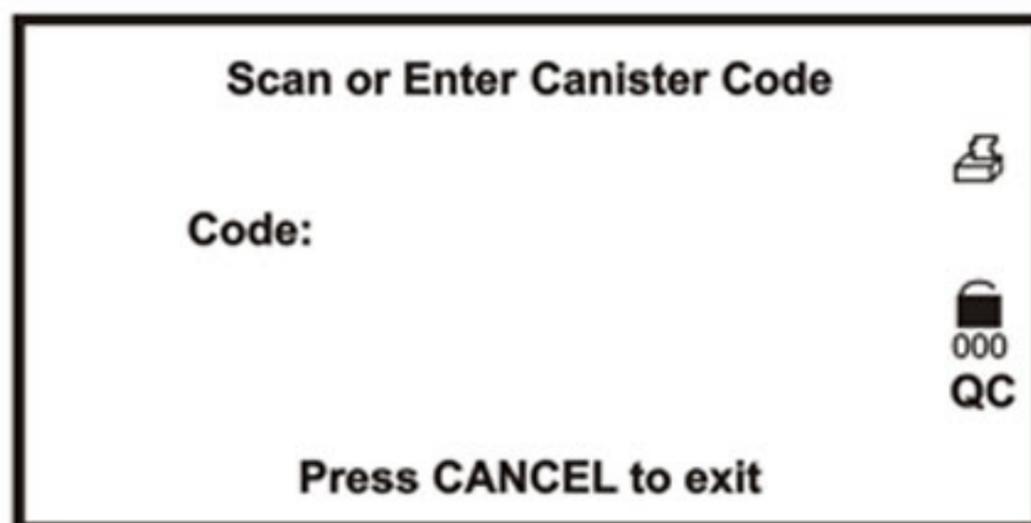
This completes analyzer setup functions. Select **Exit** and press **ENTER** to return to the Initial Screen.



Entering Canister Code

Prior to your first test or when a new canister of strips is required, the analyzer will request that a canister code is entered from the new canister. The code can be entered manually from the keypad, or scanned with the Barcode reader, if installed.

The first time the analyzer is started, the Strip Holder will fully extend and the screen below will be displayed.



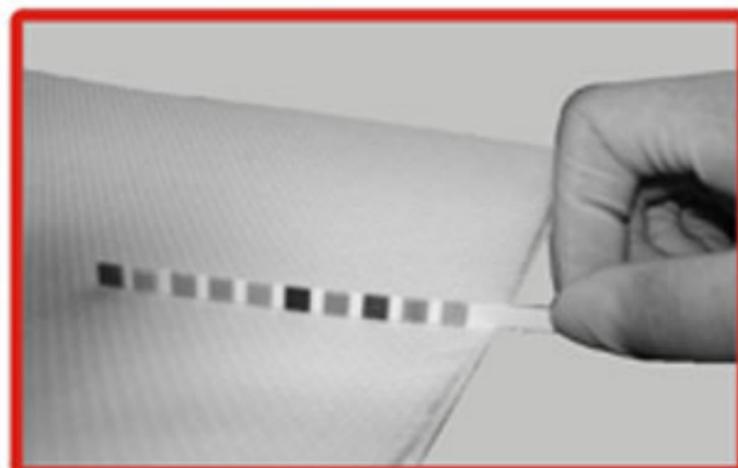
Scan or manually enter the canister code from the strip canister.



Strips and Sample handling

Allow the strip and samples/controls to reach room temperature. Remove strips from the closed canister. Use them as soon as possible. Tightly close the canister after removing the strips.

Completely immerse the reagent areas of the strip in fresh, well-mixed urine or control solution. Immediately remove the strip from the urine. Drag the edge of the strip against the rim of the sample container to remove excess urine. Bring the edge of the strip into contact with an absorbent material (e.g. a paper towel).

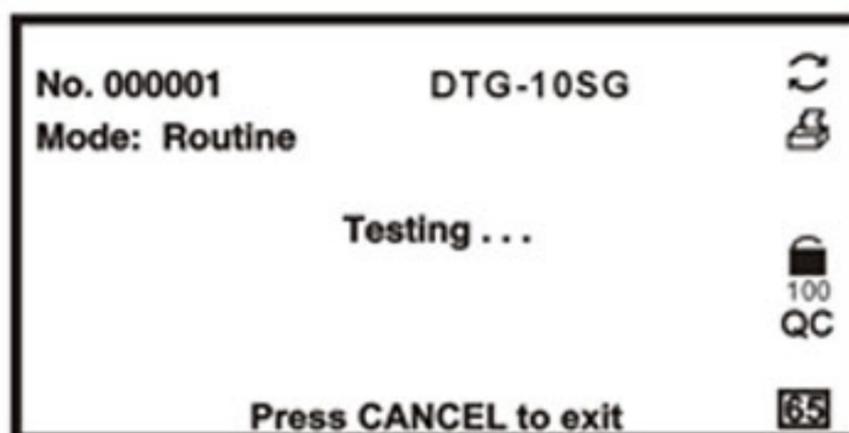
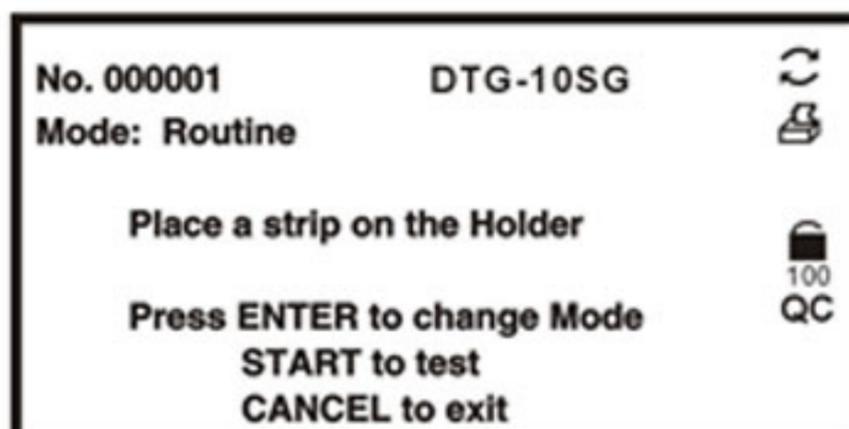


Begin Testing

Press **START** to show the testing screen. A timer will show in the lower right of the screen, beginning at **65** seconds. Dip a new strip into the urine sample to be tested. Drain excess sample from the strip and place it on the strip carrier when the timer reaches **62**.

The strip will move into the analyzer for a reading. When completed, the carrier moves out for strip removal.

Refer to your users guide for more advanced processing and settings.



Urine Controls/QC Testing

Each lab should use its own standard and procedures for performance. Test known positive and negative specimens/controls at each of the following events in accordance with local, state, and/or federal regulations or accreditation requirements. For obtaining accurate results, it is advised to use **Clarity** Urine/HCG liquid urine controls.

- When a new canister of strips is opened
- or
- Test results seem inaccurate
- or
- A new operator uses the analyzer
- or
- Each new day of testing
- or
- After performing maintenance or service on the analyzer

Procedure

Ensure the operating **Mode** is set to **QC**. The urine control test procedure is the same as Normal Operation.

The results obtained during the Quality Control test will be referenced by the analyzer with pre-programmed target values and report generated, If **Auto-print** is set to **On**, the result will be printed.

If the QC test "Fails", please contact **Clarity Diagnostics** Technical/Customer Support at 1-(877)-485-7877

Daily Cleaning

Press Start to fully extend the Strip Holder/Mount. Turn off the Power Switch after the Strip Holder/Mount is fully extended. Remove the Strip Holder from its mount by pulling out gently by the two sides.

Clean the Strip Holder using a lint free/non-absorbent cotton swab/ball with distilled water. Dry with a clean, dry cotton ball.

To install the strip holder, grasp it by its sides. Insert the Strip Holder into the Strip Holder Mount and snap in place.

Refer to the user guide for additional deposit cleaning.



Precautions

- Strips should remain in a closed canister until use.
- Do not touch the reagent areas of the strip.
- Discard any discolored strips that may have deteriorated.
- All specimens should be considered potentially hazardous. Handle in the same manner as an infectious agent.
- Wear personal protective equipment.
- Used strips should be discarded according to local regulations.

Service and Support

For technical support or other customer services, please call 1-(877) 485-7877.