RAPID RH® 5.0

CHARGING OF EASYCARE CALCHECKS®

WAGNER® METERS

Unleash Your Expertise

TABLE OF CONTENTS

INTRODUCTION

The EasyCare CalCheck® units contain a saltwater solution that emits a known 75% RH range. This allows a user to check their sensors as needed.

The EasyCare CalCheck® units need to be filled before first use and visually inspected before each use to ensure a proper amount of water remains in the top chamber.

Units can easily be recharged by the user using the included pipette and some water.

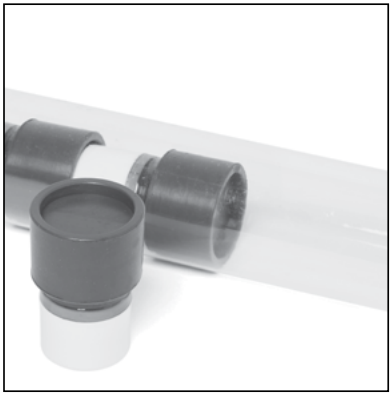
A note on nomenclature: The EasyCare CalCheck® units consist of two physical components. In the instructions below, these are referred to as ***chambers***. The word ***unit*** refers to both chambers attached together.

PREPARING

Assemble the following tools and materials:

- **Tweezers (optional)**
- **EasyCare CalCheck® units**
- **Pipettes**
- **Container of water**

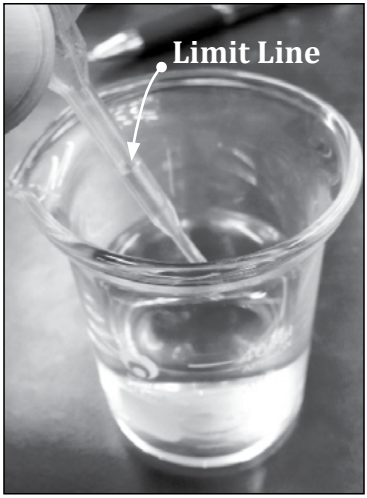
INITIAL CHARGING



1. Remove the EasyCare CalCheck® units from the shipping tube.

2. Remove the red rubber cap, and separate the two chambers by pulling them apart.

Note: The chambers are press-fitted together and have no threads.



3. Fill the included pipette up to the limit line with water.

The pipette now contains one shot of water.

4. Add contents of pipette to the bottom chamber. Repeat once, adding a total of 3 shots of water to the bottom chamber.

Caution: Do not overfill.

5. Reconnect your EasyCare CalCheck® chambers together and cap with a red rubber cap. When connecting the top and bottom chambers together, twist the two components together, but do not apply excessive force. Keep in mind the chambers will need to be separated in the future. It is only necessary to apply just enough force to keep them connected.

Once the top chamber is fully charged (72 hours), separate the top chamber from the bottom chamber. Store the bottom chamber for future recharging processes. Take the top chamber and insert it into a provided red rubber cap, then cover the chamber with either an additional red rubber cap or a sensor, if performing a calibration verification. This lessens the potential for premature evaporation. If capped with a sensor, for calibration verification, an additional amount of time (overnight being optimal) is needed for the sensor to acclimate and an accurate reading to be procured.

If you cap with a red rubber cap and then apply a sensor at a later time, an additional amount of time (overnight being optimal) is needed for the sensor to acclimate and an accurate reading to be procured.

For more information on charge times and sensor handling, please read the *Best Practices* document for the 5.0 reusable sensors.

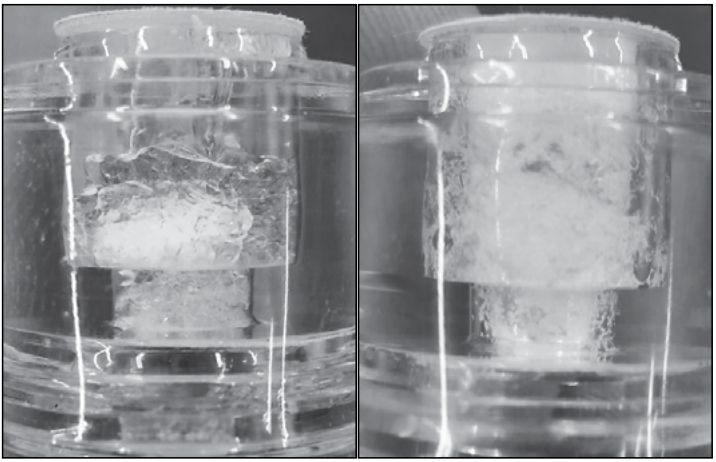
INSPECTION PRIOR TO RECHARGING

1. Over time, the EasyCare CalCheck® chambers will dehydrate and cease to provide a known 75% RH range. They will need to be recharged with water. Prior to this, they will need to be inspected.

2. If capped with a red rubber cap, remove and inspect chamber.

Note: The photos below show two chambers, which are dry. Notice the crystalline state of the salt with no free-flowing water. If the unit is dry, proceed with charging.

Reminder: EasyCare CalCheck® chambers will dry out sooner if left uncapped by a rubber cap or sensor.



RECHARGING

1. If the above conditions in the “Inspection Prior to Recharging” section are met, you may recharge your EasyCare CalCheck® chamber(s). Follow the procedure outlined in the “Initial Charging” section.

For more information
visit RapidRH.com
or call our worldwide toll-free number (844) 808-8765