

# Reichert® Phoroceptor® VRx & SightChek™ Wireless Dongle Kit **16250**

For use with ClearChart® 3P or AL200

---




**Reichert, Inc.**

www.reichert.com • 3362 Walden Avenue, Suite 100, Depew, NY 14043 USA

Toll Free: 888-849-8955 • Tel: +1 716-686-4500 • Fax: +1 716-686-4545

**16250-101 Rev. B** (August 16, 2018)

©2018 AMETEK, Inc & Reichert, Inc. Bluetooth trademark is owned by Bluetooth SIG. 



Welcome to the Reichert® Phoroceptor® VRx **Wireless Dongle Kit 16250**, allowing Bluetooth® wireless connectivity between **Phoroceptor® VRx** and either a **ClearChart® 3P** or **AL200**.

**NOTE:** This document will familiarize you with your new Phoroceptor VRx accessory. *To use this Wireless Dongle you must first configure it to communicate with the Phoroceptor VRx. Please refer to the Phoroceptor VRx Digital Refraction System User's Guide (16241-101) for complete installation, configuration, and compliance information.* To obtain a copy of 16241-101, please contact Reichert, your Reichert authorized dealer, or you may download it from the Phoroceptor VRx product page at [www.reichert.com](http://www.reichert.com). Actual components may differ in appearance from those depicted here.



## Wireless Dongle Kit Contains:

- |   |  |    |   |
|---|--|----|---|
| 1 | Wireless Dongle                                    | 6  | Serial Extension Cable<br>0.76 m (2.5 ft) |
| 2 | Wireless Dongle AC-Power<br>Supply w/ Plug Adapter | 7  | Wireless Dongle USB Power<br>Cable        |
| 3 | Wireless Dongle DB9<br>Programming Cable           | 8  | Hook and Loop Fasteners                   |
| 4 | Adapter Set  | 9  | Cable Tie Mounts (2)                      |
| 5 | Flexible USB Adapter                               | 10 | Cable Ties (2)                            |

## Wireless Dongle Kit configuration options:

---

Some Wireless Dongle Kits will connect directly to an instrument using only an **Adapter Set** configuration, while other Wireless Dongle Kits will connect to an instrument using only an **Extension Cable** configuration.

In some instances a Wireless Dongle Kit can connect to an instrument using either configuration. For those installations it is up to the user to decide whether you prefer to connect directly using the Adapter Set or if you prefer to use the Extension Cable to hide the Wireless Dongle from view behind a counter or under an instrument table.

Follow the instructions for your specific instrument.

**NOTE:** Your Wireless Dongle Kit may be designed to connect in multiple configurations, so you may not use all the parts included in this kit for your specific installation.

## Connecting ClearChart® 3P:

---

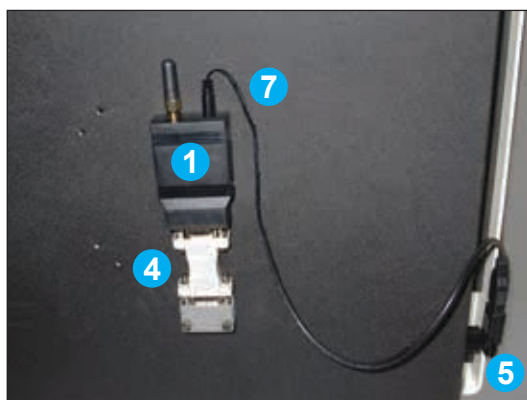
The ClearChart 3P Digital Acuity System uses the Adapter Set configuration to connect to the Wireless Dongle Kit. The serial port (**A**) on the rear of the ClearChart 3P is where the Wireless Dongle will connect.

For this configuration, the USB port (**B**) on the side of ClearChart 3P will power the Wireless Dongle using the USB Power Cable. Therefore, the AC-Power Supply is not needed. If desired, Cable Tie Mounts and Cable Ties are provided to secure the USB power cable or hide it from view.

ClearChart 3P



ClearChart 3P connected w/ kit components



## Connecting AL200:



AL200 w/ serial port shown

The AL200 Auto Lensometer® can use either the Adapter Set or the Extension Cable configuration to connect to the Wireless Dongle Kit. The serial port (A) on the rear of the AL200 is where the Wireless Dongle will connect. In both configurations the Wireless Dongle will need to be powered by the AC-Power Supply.

The Adapter Set configuration can be used for a direct connection to the AL200, while the Extension Cable configuration can be used to run the Wireless Dongle to a location hidden from view. Cable Tie Mounts and Cable Ties are provided to secure any cables or hide them from view. Fasteners are provided to adhere the Wireless Dongle to the desired location.

AL200 w/ Adapter Set



AL200 w/ Extension Cable

