

**Acuity® AS2100 Part Number Guide**

**AS2100**

AS2100 Ordering Information

Part#	Description
<b><u>AS2100 Laser Sensors</u></b>	
AS2150010	Accurange Sensor: AS2100
<b><u>AS2100 Cables</u></b>	
CBA210102	Cable Assembly: AS2100 M12/ F/CC/STRAIGHT/ 2 M
CBA210105	Cable Assembly: AS2100 M12/ F/CC/STRAIGHT/ 5 M
CBA210110	Cable Assembly: AS2100 M12/ F/CC/STRAIGHT/ 10 M
CBA210115	Cable Assembly: AS2100 M12/ F/CC/STRAIGHT/ 15 M
CBA210135	Cable Assembly: AS2100 M12/ F/CC/STRAIGHT/ 35 M
<b><u>AS2100 Connectivity Kits</u></b>	
AQ7000001	Connectivity Kit – US Plug
AQ7000002	Connectivity Kit – EU Plug
AQ7000005	Connectivity Kit – US Plug (serial to USB)
AQ7000006	Connectivity Kit – EU Plug (serial to USB)
<b><u>AS2100 Touch Panel Display</u></b>	
AQ9900007	Touch Panel Display – 7” Screen, Linux
<b><u>AS2100 Reflective Surfaces</u></b>	
APT210297	Reflective plate 210 x 297 mm (orange)

\*See page 2 for ordering descriptions, if needed.



Productivity through Precision.

Schmitt Industries, Inc  
2765 NW Nicolai Street  
Portland, Oregon 97210-1818 USA  
Tel.: +1 503 227 7908  
Fax: +1 503 223 1258  
[www.acuitylaser.com](http://www.acuitylaser.com)

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### Accessory Ordering Guide

**Connectivity Kits:** Acuity sells a connectivity kit to aid in connecting your laser to a power supply and serial port. This product includes a 120V, 15 VDC, AC power supply; a serial cable with DB9 connector; and a solid-state, NEMA-4X interface box. The interface box includes two sets of terminal blocks for simple input (from sensor) and output (to your selected device), a DB9 male serial connector out, and a barrel style power connector in. You can either pass through the wiring to another unterminated cable, connect a DB9 serial cable directly to the interface box, or both at the same time.

**AQ7000001** - 120 V version with an US-style plug

**AQ7000002** - 240 V version with a European-style plug

**AQ7000005** – w/ serial to USB cable for ease of connection into industrial computers - US plug

**AQ7000006** – w/ serial to USB cable for ease of connection into industrial computers - Euro plug

**Touch Panel Display:** Stand-alone terminal interface for use with Acuity laser distance sensors. These fully enclosed units replace panel meters, alphanumeric displays, and analog controllers by providing a modern interface through a full-color LCD and touch screen. The Touch Panel Display communicates with one or two Acuity sensors using RS-232 serial interfaces. The touch panel can be easily configured using on-screen buttons to display, scale, and even graph the sensors' distance outputs. Relative dimensions can be measured using a tare function. With two Acuity sensors, the touch panel can serve as a thickness gauge. Limits can be programmed into the touch panel to give a visual warning to operators that the target is too close or too far or too thick or too thin. With a USB flash drive, measurements can be logged and saved for further analysis.

**Reflective Plate** - Acuity Reflective plate 210 x 297 mm (orange). The reflective aluminum target improves the reflected signal strength to measure long distance ranges. We recommend only using Acuity reflective targets to avoid damage to the laser.