

## Which Test Tools are right for you . . .

<b>UL Brand Test Tool (Contact / Contactless)</b>	<p>The UL Brand Test Tool is our flagship product for testing and certifying EMV contact and contactless solutions.</p> <p>The UL Brand Test Tool software includes the Amex, Diners, Discover, DNA, Interac, JCB, MasterCard, UnionPay and Visa EMV test suites and also supports both U.S. Debit and Quick Chip testing.</p> <p>This hardware suite includes a SmartLink Box for EMV contact testing and a SmartWave Box for EMV contactless testing.</p>
<b>UL Brand Test Tool SmartConnect</b>	<p>The UL Brand Test Tool SmartConnect utilizes our flagship UL Brand Test Tool software for EMV contact and contactless testing but includes a SmartConnect probe instead of SmartLink and SmartWave boxes.</p> <p>The SmartConnect probe connects via Bluetooth so no USB connectivity is required.</p> <p>The UL Brand Test Tool software includes the Amex, Diners, Discover, DNA, Interac, JCB, MasterCard, UnionPay and Visa EMV test suites and supports both U.S. Debit and Quick Chip testing.</p>
<b>UL Brand Test Tool (Contact Only)</b>	<p>The UL Brand Test Tool (Contact Only) includes our flagship UL Brand Test Tool software and a SmartLink box for EMV contact testing.</p> <p>The UL Brand Test Tool software includes the Amex, Diners, Discover, DNA, Interac, JCB, MasterCard, UnionPay and Visa EMV contact test suites and supports both U.S. Debit and Quick Chip testing.</p> <p>This product a good choice if your solution only supports EMV contact transactions.</p> <p>This product can be upgraded to a full EMV contact and contactless UL Brand Test Tool in the future.</p>
<b>UL Brand Test Tool (Contactless Only)</b>	<p>The UL Brand Test Tool (Contactless Only) includes our flagship UL Brand Test Tool software and a SmartWave box for EMV contactless testing.</p> <p>The UL Brand Test Tool software includes the Amex, Diners, Discover, Interac, JCB, MasterCard, UnionPay and Visa EMV contactless test suites and supports U.S. Debit testing.</p> <p>This product a good choice if your solution only supports EMV contactless transactions.</p> <p>This product can be upgraded to a full EMV contact and contactless UL Brand Test Tool in the future.</p>
<b>UL Brand Test Tool Quick Chip</b>	<p>This version of the UL Brand Test Tool is designed for Quick Chip and M/Chip Fast EMV contact testing and certification only.</p> <p>The UL Brand Test Tool Quick Chip software includes the Amex, Discover, MasterCard (M/Chip Fast) and Visa Quick Chip contact test cases.</p> <p>This product is a good choice if your solution only supports Quick Chip and M/Chip Fast contact transactions.</p> <p>This product can be upgraded to a full EMV contact and contactless UL Brand Test Tool in the future.</p>
<b>UL SmartWave Box (Contactless Upgrade)</b>	<p>The UL SmartWave Box (Contactless Upgrade) is intended for customers that have previously purchased the UL Brand Test Tool (Contact Only) product and now wish to upgrade the product to support the EMV contactless test suites.</p>



# UL Test Tools

<b>UL ATM Module (Card Reader+ATM Cards)</b>	<p>The UL ATM Module is used in conjunction with the UL Brand Test Tool when testing an ATM with a motorized card reader.</p> <p>This product includes a smartcard reader/writer and a set of programmable EMV cards. This allows you to test using physical EMV cards rather than a simulated card probe that may interfere with motorized card readers and devices which capture the card.</p> <p>The ATM module has support for the Amex, Discover, MasterCard, UnionPay and Visa EMV contact test suites.</p>
<b>UL SmartConnect Bluetooth Probe (Kit)</b>	<p>The UL SmartConnect Bluetooth Probe is a hardware kit used to eliminate the need for the UL Brand Test Tool SmartLink and SmartWave boxes.</p> <p>This product is intended for customers that have previously purchased the UL Brand Test Tool and wish to eliminate the SmartLink and SmartWave boxes to reduce the number of hardware components and USB cables required.</p> <p>A USB Bluetooth dongle is included for those PCs that do not have Bluetooth support.</p>
<b>UL SmartStripe (Magstripe Emulation)</b>	<p>The standard UL Brand Test Tools includes a set of physical magstripe cards for fallback testing. These physical test cards can be difficult to manage and the cards sometimes change, meaning that new physical cards are required.</p> <p>The UL SmartStripe simulates all of the UL Brand Test Tool magstripe fallback cards and works seamlessly with the UL Brand Test Tool thus eliminating the need for physical EMV fallback cards.</p> <p>In addition, the UL SmartStripe can also simulate any other magstripe cards you may have. The SmartStripe is a great option if you use a large number of magstripe cards for testing.</p>