

For more information

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ESP and the New System1®

The Reliable Solution for Pennsylvania Shops

ESP System1® Technical Specifications

- **Cabinet dimensions:**
 - 42" tall, 30" wide, and 23" deep. Lockable wheels
 - Secured cabinet (PennDOT required)
- **RF Remote Control, Bluetooth Enabled**
 - Wireless range minimum 30 ft.
- **PC**
 - Windows 10 OS
 - Dell Optiplex 3050 mini-tower configuration
 - Intel Pentium G4400 Processor (Dual Core, 3MB, 2T, 3.3GHz, 65W)
 - 4GB (1x4GB) 2400MHz DDR4 Memory
 - 2.5" 128GB SATA Class 20 Solid State Drive
 - Intel Integrated Graphics, Dell OptiPlex
 - Dell 19" E1916H LED monitor, wide-screen full color
- **Barcode Reader**
 - Honeywell Xenon 1900 wired barcode reader (15 ft. cable)
 - Honeywell Xenon 1902 wireless barcode reader (range minimum 30 ft.)
- **Oki B4400 Laser Printer**
 - Toner cartridge capacity: 3,000 pages
 - Time to print first page: 5 seconds
 - Print speed: 27 ppm
 - Print resolution: 600 x 2400 dpi
- **Automatic gas cap pressure testing system with required cap adapters, machined billet aluminum**
- **OBD Module (Wired or Wireless)**
 - Wireless range minimum 30 ft.
 - Wired cable length 15 ft.
 - Packaged with:
 - An external 12V battery adapter to allow technicians to obtain power when none is supplied on the DLC
 - The external plug is 12V protected for reverse polarity protection
 - A cigarette lighter adapter to allow 12V external power as well
 - Contains a 12V Lithium-Ion Battery to maintain device uptime between tests
 - Battery will charge from a vehicle's OBD Port and from the external IMclean Port
 - Contains a 12V Wall Wart to provide external charging when not in use
 - Custom designed, rib-reinforced, hardened plastic case. Made to withstand the harshest of shop environments
 - Soft Rubber External Rubber Boot to protect customer vehicles from scuffs and damage



Your revenue is tied to the reliability of your OBD System. And the company behind it.

There is a reason ESP is #1 in PA.

ESP has been a partner to the Pennsylvania emissions program since it began. In fact, more PA shops—**nearly 70%**—rely on us than any other company. And it's not only for our technology. It's for our reliability. We have more factory-direct service representatives than all of our competitors combined. And they're strategically located across the state. That means faster service to keep you up and running.

The exact System1® you need.

PA is mandating a machine update. So update to the best. The System1® is the newest, most reliable OBD System on the market and meets PennDOT requirements for certification. With eight available configurations, choose the System1® that suits your exact needs:

New System1® configurations:



Already an ESP customer?

We have retrofit options available that include all the equipment you need (customer responsible for the cabinet).

OBd Wired

OBd Wireless

Visual Wired

Visual Wireless



OBd Wired

OBd Wireless

Visual Wired

Visual Wireless



With technology you can count on—day after day.

Technology can be hard to keep up with. That's why you need a dependable partner with equipment to match. As leaders in the industry, you can count on us to keep your shop cutting edge.

OBd Technology (Wired or Wireless)

- Built-in self diagnostics
- Simulator to detect failures on the device
- Loopback cable provided to allow self-testing

Device LEDs

- 5 visual LED indicators to tell your technicians what the device is currently doing

Technician Helper Application to help your technicians diagnose vehicles

- Technician diagnostic screen
- Displays monitor status
- Displays Diagnostic Trouble Codes (DTCs)

Maintains greater than 99.97% communication rate

PC Technology

Utilizes Solid State (SSD) PC technology

- SSD has no moving parts, so it's more dependable than equipment with ordinary HDDs
- Boots up in seconds so you can get back to work

Operates on Windows 10 OS

High-Speed Internet-Based Data Transmission

Use your existing high-speed internet service

- Must be a wired connection from the router to the emissions inspection equipment
- Finally, you can cancel your expensive analog phone line and save your shop money

Honeywell Xenon Barcode Reader (Wired or Wireless)

All VIN Barcodes including Data Matrix (2D) format

Getting your System1® has never been easier.

Ready to own the new System1®? Great. Let's talk.

But why shell out large sums of money for expensive equipment, then watch it become obsolete? There's another option that makes more sense for many shops. It's called **Equipment-as-a-Service**. You lease the System1® so that you're always assured of having the latest technology—along with the best service and support—in the most cost-effective way. With the System1® EaaS program, we take care of everything:

- PennDOT compliant equipment
- Complete warranty for life of contract with full parts and labor coverage
- Free delivery
- On-site installation by a highly-trained technician
- Free toner
- No commitment
- 100% satisfaction guaranteed

Round out your capabilities with RAP.

Automobile technology is ever evolving. That can make programming a vehicle after a repair challenging. RAP to the rescue. RAP (Remote Assisted Programming) is a fully automated kit with everything you need to flash cars. It comes with an internet connected tablet with all software pre-installed. In-house RAP Support performs the flash. Here's how simple it is to use:

- Plug in a single power cord
- Connect the OBD cable to the car
- Use jumper cables (not included) to hook up battery maintainer
- Power on Windows tablet
- Call RAP Support, we take it from there!

Say hello to RAP and say goodbye to:

- Towing vehicles to a dealer
- Buying high tech tools
- OE software subscriptions
- Turning down work
- Hiring a mobile tech

Talk to your sales representative about System1®, RAP, and our many equipment options and payment plans.

