

## 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:

- OBD Wired
- OBD Wireless
- Visual Wired
- Visual Wireless



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



## 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.



## 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