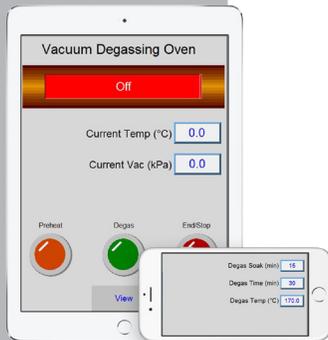


VDO TOUCH

ATS APPLIED TEST SYSTEMS
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VDO Touch Vacuum Degassing Oven

Touch-screen system with programmable features to remove the air bubbles from aged for asphalt binder and other materials

Programmable Test Parameters

The VDO Touch offers a **built-in touch screen**. The 7 inch industrial strength touch-screen display is ideal for the newly designed software. Programmable test parameters allow the user to define a cycle for R&D or in the event that AASHTO R 28, ASTM D-6521, and EN 14769 test standards change.

Degas Soak (min)

Degas Time (min)

Degas Temp (°C)

Done

Vacuum Degassing Oven

Off

Current Temp (°C)

Current Vac (kPa)

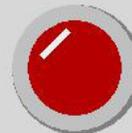
Preheat



Degas



End/Stop

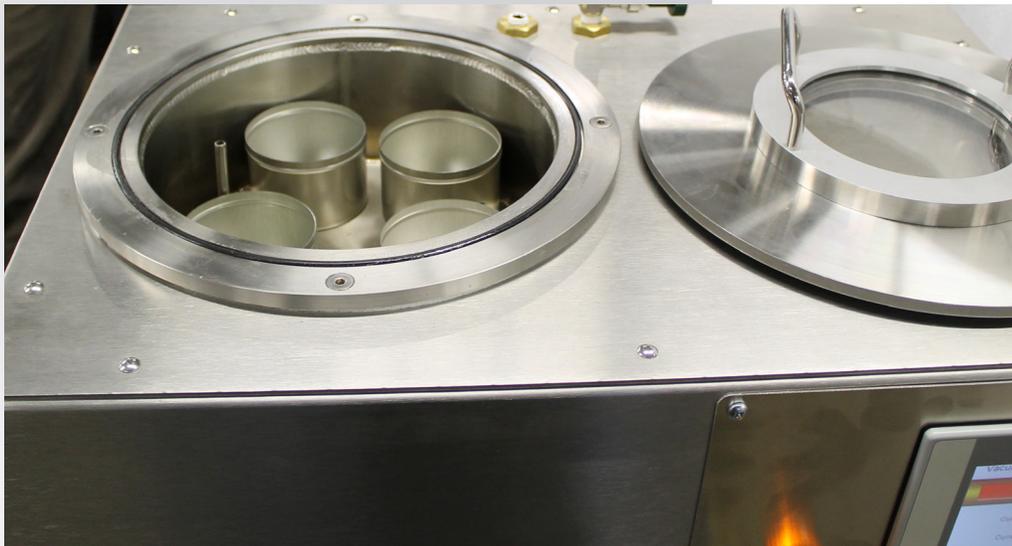
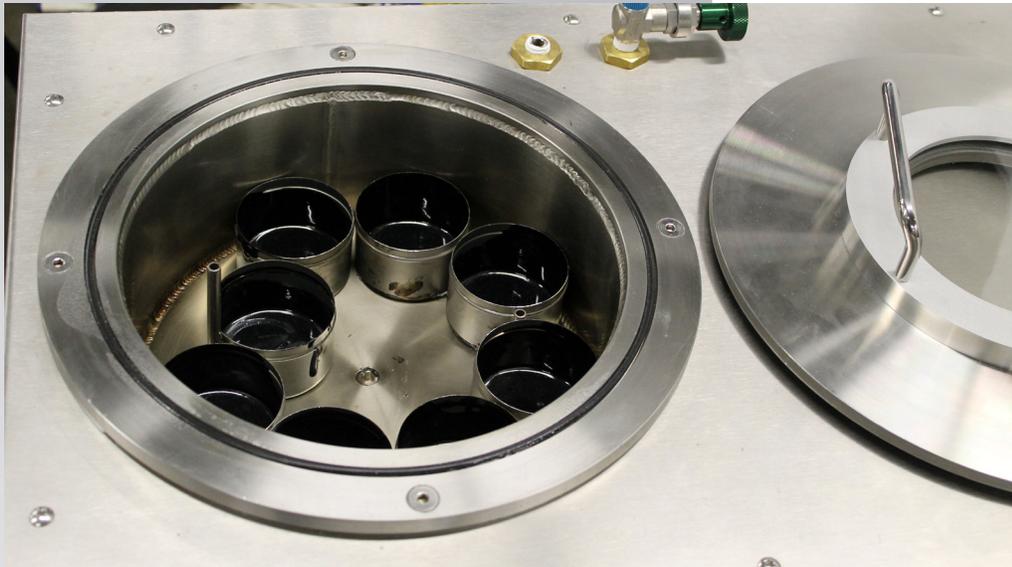


View

ATS APPLIED TEST SYSTEMS
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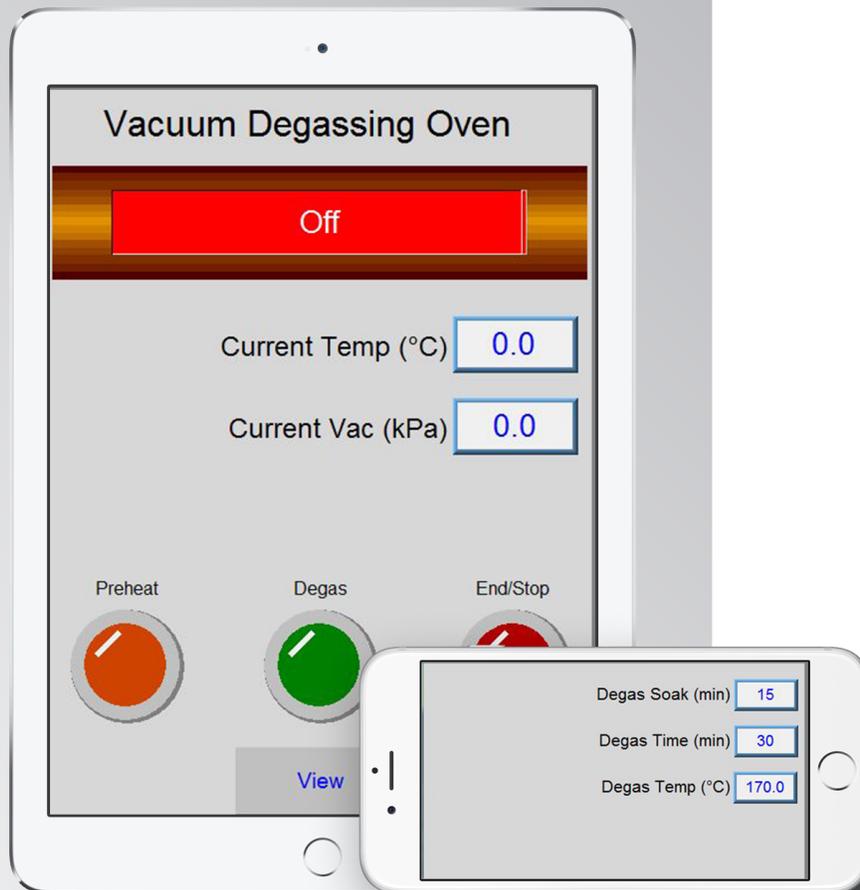
Sample Capacity

Now test up to 8 four ounce samples or 4 eight ounce Samples



Remote Communication

Ethernet Connection is built into every VDO Touch and allows users to connect the VDO Touch to the internet or network. Once connected, users have the ability to connect to the VDO Touch with a smart device or PC.



Software Updates:

The USB port on the back of the VDO touch also enable quick and easy software updates and upgrades.

Register your VDO Touch at www.atspa.com/register/ to be automatically notified of any future software updates and choose your preferred method of delivery for all future updates.

New product registration is available at Applied Test Systems. Go to <http://www.atspa.com/register/> to register your VDO Touch, PAV3, BBR3 or RTFO-Touch to be notified of any new software updates when they become available.

Specifications

Specifications:	To degass pressure aged materials according to AASHTO R28, ASTM D6521, and EN 14769
Unit design:	<ul style="list-style-type: none">- Self contained automatic vacuum system- Illuminated power light- Programmable touch screen controller:<ul style="list-style-type: none">- Temperature: Room temperature - 200°C- Soak Time: up to 4,320 minutes- Degass Time: up to 4,320 minutes
Unit Dimensions:	- 24 inches Wide x 16 inches Deep x 12 inches High
Operating Pressure:	- Adjustable from 15 kPa to atmosphere
Pressure Safety release:	- Solenoid valve
Inlet:	- Internal air pump
Construction:	- Stainless Steel
Sample Capacity:	<ul style="list-style-type: none">- Up to (8) four ounce samples or- Up to (4) eight ounce samples
Alarm:	- Audio and visual alarm
Temperature Accuracy:	- $\pm 5^{\circ}\text{C}$ at 170°C
Vacuum Gage:	- Indicated in both kPa and in. hg.
Power Requirements:	- 230 VAC / 50-60 Hz or 115 VAC / 60Hz
Accessories:	<ul style="list-style-type: none">- VDO Verification Kit<ul style="list-style-type: none">- Vacuum Gage (NIST traceable Optional)- Calibration Block- Vessel Cap- Thermometer (NIST traceable optional)

Specifications subject to change without notice