ASPENSTATE

Game Changing
Portable Radiography

AiRTouch

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Game Changing Portable Radiography

AiRTouch is a compact, portable x-ray machine that allows the operator to take high-quality x-ray images. It can acquire images and wirelessly transmit to PACS via the on-board workstation.

Device Applications

**MEDICAL**
- State & federal screening centers (COVID-19)
- Ambulances
- Nursing homes
- Medical clinics
- Orthopedic clinics
- Urgent care
- Mobile imaging
- Extremity imaging
- Sports medicine

**DENTAL IMAGING**
- Implants
- Endodontic treatment
- Post-surgery / follow-up

**VETERINARY IMAGING**
- Small animals
- Equine
- Veterinary dental

**DEVICE INCLUDES**
- X-Ray generator
- X-Ray tube
- Built-in PC workstation
- TeamViewer for remote support

- 2 Wi-Fi Cards
- 2 USB drives
- Modern battery technology
The Benefits of AiRTouch

Wireless and compact design requires minimal space and accommodations

Minimize radiation to patient and operator with lowest possible dose

Maximize day-to-day efficiency with industry-leading battery performance

Begin operation immediately with seamlessly integrated software solution and built-in workstation

Product Features

- **ALL-IN-ONE PC**
  - INTEL PC integrated into the device
  - Pre-Loaded Aspenstate DR Software
  - Direct image Transfer to Storage Medium (PACS, Email, Printer, etc.)

- **WI-FI ENABLED**

- **2 USB PORTS**

- **LASER LIGHT FOR PRECISE ALIGNMENT**

- **REMOTE DIAGNOSTICS**
  - Pre-Loaded Remote Assistance Software (TeamViewer)

- **X-RAY SOURCE**
  - Toshiba D-081B
  - 0.8mm Focal Spot

- **TECHNIQUE**
  - Fixed: 60 kV 2mA
  - 0.03 ~ 1.30 Seconds Available (Selectable by Operator)

- **RECHARGEABLE AND REPLACEABLE BATTERY**
  - Two Hours to Full Charge
  - Full Charge Lasts One Week (300 Exposures at 0.15 Seconds)

- **CB TEST CERTIFIED**

- **HAND STRAP FOR ENHANCED OPERATOR COMFORT**

- **OPTIONAL TRI-POD STAND**

- **BATTERY PERFORMANCE**
  - Begin operation immediately with seamlessly integrated software solution and built-in workstation

- **EASY-ACCESS BATTERY COMPARTMENT**

- **SIMPSON EASY-ACCESS BATTERY COMPARTMENT**
### Wall Mounted X-Ray vs. AiRTouch

<table>
<thead>
<tr>
<th>AIRTOUCH</th>
<th>WALL MOUNT X-RAY MACHINE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery powered system that is long-lasting and rechargeable.</td>
<td>Requires a direct power source</td>
</tr>
<tr>
<td>All-in-one solution that can acquire, display and transmit images.</td>
<td>Requires a dedicated laptop or desktop to acquire, receive and transmit x-ray images</td>
</tr>
<tr>
<td>No installation or additional equipment required.</td>
<td>Require additional equipment. Special cabinetry, wiring and reinforced walls</td>
</tr>
<tr>
<td>Portable and compact design allows for diverse and mobile use.</td>
<td>Is permanently fixed to a wall, and can't accommodate remote patients</td>
</tr>
<tr>
<td>Internal shield design keeps operator safe from exposure.</td>
<td>Operator must leave the room during the X-ray – requiring a shielded control area for protection</td>
</tr>
<tr>
<td>Can serve multiple operating rooms in one practice.</td>
<td>Serves one dedicated x-ray imaging room</td>
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</tbody>
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### Low Occupational Dose Limit

<table>
<thead>
<tr>
<th>Radiation Level</th>
<th>Description</th>
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<tbody>
<tr>
<td>50mSv</td>
<td>Occupational dose limit</td>
</tr>
<tr>
<td>5mSv</td>
<td>Occupational dose limit requiring dosimetry</td>
</tr>
<tr>
<td>3.65mSv</td>
<td>Average natural background (US)</td>
</tr>
<tr>
<td>2.19mSv</td>
<td>Average occupational radiation exposure to flight crew</td>
</tr>
<tr>
<td>1.0mSv</td>
<td>General public dose limit</td>
</tr>
<tr>
<td>0.16-0.37 mSv</td>
<td>Conventional dental x-ray range</td>
</tr>
<tr>
<td>0.04mSv</td>
<td>AiRTouch average range, when paired with our digital sensor (sold separately)</td>
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Aspenstate is a Texas-based OEM providing complete imaging solutions for x-ray distributors and custom designed, private-labeled solutions for OEMs across the Americas.

Founded in 2015 by Jay Kim - an award-winning x-ray imaging design engineer with various medical imaging patents - the company has become one of the fastest growing Medical Imaging companies, with offices in the United States, Canada and Mexico.

801 JUPITER RD. SUITE 200 PLANO, TX 75074