The new **iQ** EZ Stapler makes blister/clamshell sealing easier than ever. The welding process itself is activated with a foot-switch once the packaging material is properly positioned. The easy to learn process helps make for faster cycle times.

Dukane’s patented **iQ** 30 kHz 600 watt generator controls the **iQ** EZ Stapler. With custom tooling, a wide variety of weld patterns or spot welds can be created. The stapler can be put on a workbench, or wall-mounted on its own support structure.

The **iQ** EZ Stapler can weld films, non-woven materials, coated and laminated packaging, and foil packages. Thermoplastics such as PET, PERG, PE, PP, PVC and PVA are all appropriate for use.

Like all of Dukane’s products, the **iQ** EZ Stapler can be integrated into an automated system.

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**Features**

- Use with Dukane Patented **iQ** Ultrasonic 30 kHz generator technology*
- Seals clamshells and blister packs efficiently and economically
- Wide variety of sealing anvil patterns
- Small footprint allows for portability and efficient work environment
- Vertical or horizontal mounting capabilities
- “Green” sealing solution
- Multiple units can be used with **iQ** MPC for multi-point welding on larger applications
- Simple EZ setup
- Reduces operator fatigue from conventional hand probe systems
- Highly consistent weld results are achieved through the use of Weld by Energy and patented Trigger by Power features.*

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*US Patent #7475801
Power Supply Features

- **Ultrasonic overload protection**, with fault indication for ease of troubleshooting. The overload power limit is based on **true RMS power output level**.
- **Patented pulse-width modulation** design delivers power more efficiently with substantially less stress on electrical components for superior performance, reliability and extended life.
- **Linear ramp soft-start** algorithm allows the acoustic stack to be brought to operating amplitude smoothly, minimizing start-up surges and abnormal stress to the stack and power supply.
- **Line voltage regulation** compensates for line fluctuations assuring consistent amplitude.
- **Load regulation** provides constant ultrasound amplitude automatically regardless of power draw. The ultrasonic output amplitude level is held to within 1% to provide weld process consistency.
- **Eight programmable setups**.
- **Highest power density** per unit volume. Most power in the smallest package at highest duty cycle.
- **0.5 ms sampling rate**, fastest in the industry.

Generator: 30HP60-1H

<table>
<thead>
<tr>
<th>Generator Part No.</th>
<th>Probe Part #</th>
<th>Line Voltage</th>
<th>Frequency kHz</th>
<th>Wattage</th>
</tr>
</thead>
<tbody>
<tr>
<td>30HP060-1H</td>
<td>41Q60RC</td>
<td>100-120 VAC 50/60 Hz</td>
<td>30</td>
<td>600 W</td>
</tr>
<tr>
<td>30HP060-2H</td>
<td>41Q60RC</td>
<td>200-240 VAC 50/60 Hz</td>
<td>30</td>
<td>600 W</td>
</tr>
</tbody>
</table>

**iQ Series EZ Ultrasonic Stapler Diagram**

Dukane products are manufactured in ISO registered facilities

Note: All specifications are subject to change without notice. Please consult for any updated information.