Continuous tubular microwave heating system

Continuous tubular microwave heating system

<table>
<thead>
<tr>
<th>Identification of Facility</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Title</strong></td>
</tr>
<tr>
<td><strong>Acronym</strong></td>
</tr>
<tr>
<td><strong>Key words</strong></td>
</tr>
<tr>
<td><strong>Latest version</strong></td>
</tr>
<tr>
<td><strong>Manufacturer</strong></td>
</tr>
<tr>
<td><strong>Model</strong></td>
</tr>
<tr>
<td><strong>Description</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Images</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Weblink</th>
</tr>
</thead>
<tbody>
<tr>
<td><a href="http://www.sp.se/en/units/fb/Sidor/default.aspx">http://www.sp.se/en/units/fb/Sidor/default.aspx</a></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Possibilities and limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Microwave power 14 kW. Heating up to 140 °C under UHT-like conditions.</td>
</tr>
</tbody>
</table>

Application
Application fields
Particulate soups, sauces, salsas, diary products, purees, fruit preparations, jams, meat emulsions, fish emulsions, egg products etc.

Application examples
Particulate soups, sauces, salsas, diary products or fruit preparations, jams, meat emulsions, fish emulsions, egg products etc.

Technology sheets that might be related to this facility
- Dielectric microwave spectroscopy
- Dry-roasting of nuts using microwaves
- ELECTRO-FREEZING
- Infrared temperature measurement
- Ionising radiation
- Magnetic field assisted nanoparticle dispersion
- Microwave heating
- Ohmic heating
- Radiofrequency dielectric heating
- Raman spectroscopy
- Shock wave meat tenderization
- Thawing of food products by radiofrequency

Accessibility & Support Service

Access conditions
Please contact us for more information

Languages
English, Swedish

Other languages

Training
No training necessary as the equipment is only available as service

Technical help
technical equipment, analytical specific staff is dedicated to this infrastructure, staff is available that can help to use this infrastructure

Contact data

Contact person
Birgitta Raaholt
Institute/company
SP
Country
Sweden
Address
Box 5401, 402 29 Gothenburg

Source: