



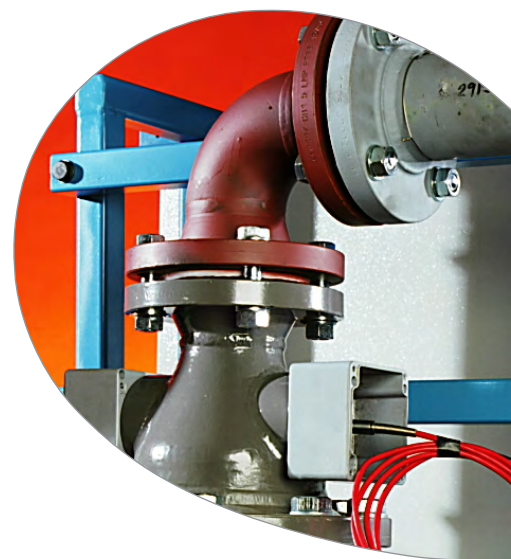
# Solutions for Anaerobic Digestion & Composting; Optimised Heating Techniques

## Ohmic Heating

C-Tech innovation provides products to optimise performance of both composting and Anaerobic Digestion (AD) plants. One of these is Ohmic Heating, a highly efficient heating mechanism for difficult feedstocks such as sludges and slurries.

Applications include the heating of AD feedstocks containing animal by-products to achieve compliance with ABPR (both Cat 3 and Cat 2), temperature control of AD plants for optimal performance, hydrolysis of AD feedstocks to maximise biogas yields and pasteurisation of compost leachates.

Ohmic Heating is highly robust and requires minimal maintenance. It provides a very effective method to uniformly heat material to temperatures needed for pasteurisation or sterilization.



## Benefits of Ohmic Heating

- Excellent heating uniformity
- High energy efficiency
- Non-fouling system
- Highly controllable

## Our Services

- Ohmic heater trials
- Product optimisation for specific applications
- Bespoke system design
- Robust systems

## Core Expertise

- In-house expertise for the treatment of food waste
- Process and equipment Integration

