CREMATECH
CREMATION SOLUTIONS

ECR-P50
Electric Cremator

✓ Energy efficient ✓ Bespoke
✓ Reliable ✓ Innovative ✓ Sustainable

Electric & energy efficient
The ECR-P50 is fully electric — no fossil fuels are used at any stage of the cremation process. Advanced heat recirculation between the afterburner and the cremation chamber minimises energy consumption and significantly reduces operational costs.

User-friendly & reliable
Fully automatic operation is controlled via oxygen content, temperature and negative pressure monitoring. The intuitive operator interface gives immediate insight into cremation progress. Temperature, duration and pressure are optimised fully automatically, while manual adjustments remain readily accessible at any time.

Environment
The ECR-P50 meets all legal environmental and emission requirements. All combustible components in the waste gas stream are incinerated in the afterburner. The waste gas stream is filtered before clean air exits through the stack. High-quality sensors and thermocouples ensure continuous optimisation of this process.

CREMATECH EQUIPMENT

- Electric cremator
  + filter system
- Gas cremator
  + filter system
- Automatic coffin insert system
- Ash grinder / Cremulator
- Ash container cooling cabinet
- Ash processing table
- Various tools



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Specifications electric Cremator

type ECR-P50



DIMENSIONS

- **Cremation chamber** 1,050 × 700 × 700 mm (l × w × h)
- **Outside dimensions** 2,750 × 2,300 × 3,900 mm (l × w × h)
- **Required floor space** 6,000 × 4,000 × 4,000 mm (l × w × h)
- **Weight** approx. 9,500 kg (21,000 lbs)
- **Floor load capacity** 2,250 kg/m²

CAPACITY

- **Maximum capacity per cycle** 100 kg (220 lbs)
- **Average throughput** ≤ 50 kg / hour (110 lbs/hour)

ENERGY

- **Power connection** 55 kW / 400 V (415 V) / 80 A — 3P + N + Ground
- **Alternative voltages** Available on request (e.g. 480 V)
- **Stand-by temperature** ≈ 550°C (932°F)
- **Chamber temp. before loading** ≥ 550°C
- **Afterburner temperature** ≥ 750°C – 850°C (1,382°F)
- **Afterburner residence time** ≥ 1.5 seconds
- **Annual energy consumption** 25,000 – 60,000 kWh (typical)
- **Optional equipment** Heat recovery system / Dust filtration system

MORE INFORMATION?

Feel free to contact us!

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