

Technical Information Sheet

1. Name of technology	Incineration plant for medical waste																																																							
2. Type of technology	Independently developed Incineration plant suitable for medical waste treatment. Capable of stable and continuous incineration of 100% medical waste. Pre-treatment such as shearing shall not be permitted for medical waste incineration due to the infectious nature of waste (i.e. used syringes, gauzes, etc.). Our incineration plant made the safe and economical incineration of infectious medical waste possible.																																																							
3. Description of technology Objective, application, characteristics, delivery record, and price of technology	<p>[Objective and application of the technology] Dedicated incineration and appropriate treatment of medical waste</p> <p>[Characteristics of the technology]</p> <ul style="list-style-type: none"> • This system enables stable combustion and dedicated incineration of medical waste. • No auxiliary fuel is required during normal operation, contributing to reducing CO₂ emissions. • This system emits less carbon monoxide, dioxins, and dust and is the most suitable for energy recovery. <p>[Delivery record]</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">■ Kyoto University Hospital (Japan)</td> <td style="width: 15%;">4t/8h x 2 units</td> <td style="width: 10%;"></td> <td style="width: 10%;">1994</td> <td style="width: 15%;">Medical waste/General waste</td> </tr> <tr> <td>■ Company N (Japan)</td> <td>26.25t/15h x 1 unit</td> <td></td> <td>1998</td> <td>Medical waste/Industrial waste</td> </tr> <tr> <td>■ Company N (Japan)</td> <td>26.25t/15h x 1 unit</td> <td></td> <td>2000</td> <td>Medical waste/Industrial waste</td> </tr> <tr> <td>■ Company S (Japan)</td> <td>30t/24h x 1 unit</td> <td></td> <td>2002</td> <td>Medical waste/Industrial waste</td> </tr> <tr> <td>■ Company C (Japan)</td> <td>14t/14h x 1 unit</td> <td></td> <td>2002</td> <td>Medical waste/Industrial waste</td> </tr> <tr> <td>■ Company D (Japan)</td> <td>30t/24h x 1 unit</td> <td></td> <td>2005</td> <td>Medical waste/Industrial waste</td> </tr> <tr> <td>■ Company T (Japan)</td> <td>50t/24h x 2 units</td> <td></td> <td>2007</td> <td>Medical waste</td> </tr> <tr> <td>■ Company S (Japan)</td> <td>24t/24h x 1 unit</td> <td></td> <td>2008</td> <td>Medical waste/Industrial waste</td> </tr> <tr> <td>■ Dubai (UAE)</td> <td>19.2t/24h x 1 unit</td> <td></td> <td>2009</td> <td>Medical waste</td> </tr> <tr> <td>■ Company K (Japan)</td> <td>25t/24h x 1 unit</td> <td></td> <td>2009</td> <td>Medical waste/Industrial waste</td> </tr> <tr> <td>■ Company S (Japan)</td> <td>30t/24h x 1 unit</td> <td></td> <td>2010</td> <td>Medical waste/Industrial waste</td> </tr> </table> <p>[Price and other inquiries] The cost differs depending on the plant capacity, incidental equipment and type of waste to be treated. Please contact the office below.</p> <p>[Contact] Sales Department, PLANTEC Inc. Email: ptinfo@plantec-kk.co.jp</p>	■ Kyoto University Hospital (Japan)	4t/8h x 2 units		1994	Medical waste/General waste	■ Company N (Japan)	26.25t/15h x 1 unit		1998	Medical waste/Industrial waste	■ Company N (Japan)	26.25t/15h x 1 unit		2000	Medical waste/Industrial waste	■ Company S (Japan)	30t/24h x 1 unit		2002	Medical waste/Industrial waste	■ Company C (Japan)	14t/14h x 1 unit		2002	Medical waste/Industrial waste	■ Company D (Japan)	30t/24h x 1 unit		2005	Medical waste/Industrial waste	■ Company T (Japan)	50t/24h x 2 units		2007	Medical waste	■ Company S (Japan)	24t/24h x 1 unit		2008	Medical waste/Industrial waste	■ Dubai (UAE)	19.2t/24h x 1 unit		2009	Medical waste	■ Company K (Japan)	25t/24h x 1 unit		2009	Medical waste/Industrial waste	■ Company S (Japan)	30t/24h x 1 unit		2010	Medical waste/Industrial waste
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4. Classification of technology																																																								
(1) Applicable fields	Hazardous waste treatment																																																							
(2) Target waste	Medical waste																																																							
(3) Services provided	Plant construction, Sales of machinery and equipment																																																							
5. Countries to which this technology can be provided	No particular restrictions (Contact us)																																																							
6. Keywords	Medical waste, incineration, infectious, incinerator																																																							
7. Contact information	Plantec Inc. Daizo Watanabe (Mr.), Deputy general manager, Sales department http://www.plantec-kk.co.jp																																																							