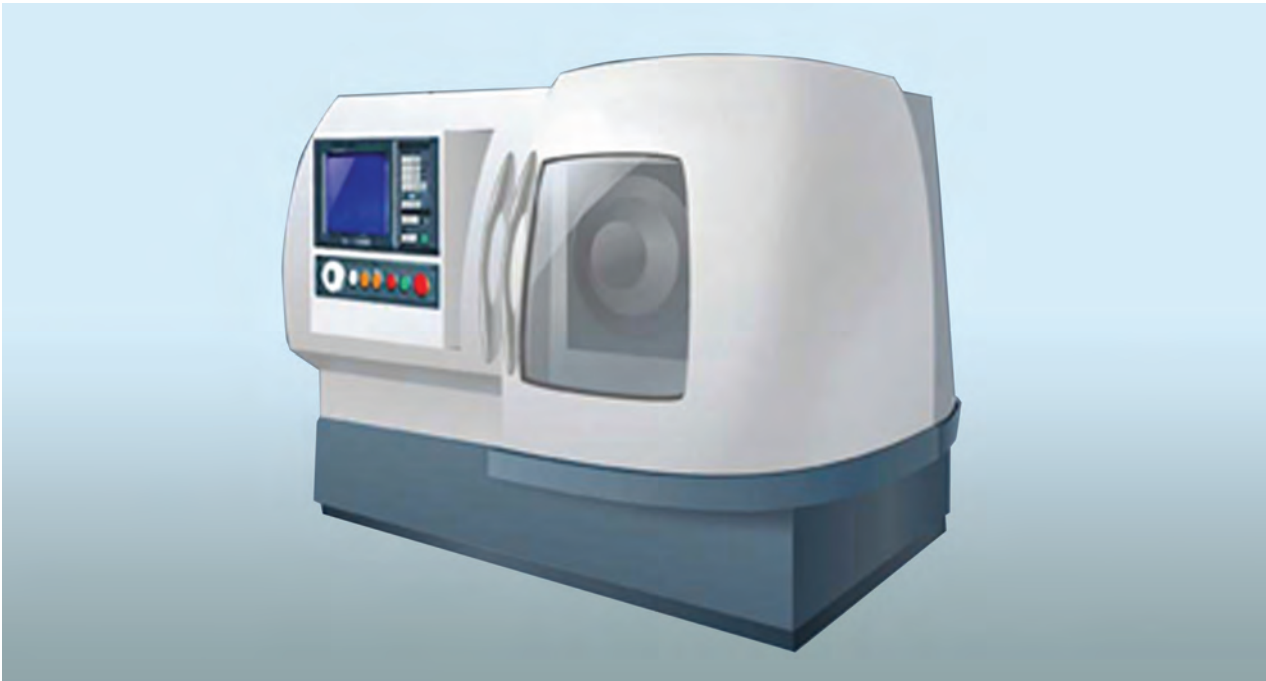


## MEDWASTE MEDICAL WASTE TREATMENT COMPLEX



### Areas of Application

The complex is designed for the treatment of potentially contaminated solid medical waste

### Specification

Thermal pyrolysis: decomposition occurs at a high temperature without oxygen;  
waste processed: various medical wastes

Cycle duration, min	180
Heating method	Gas
Capacity at a humidity of 10%, kg/h	10–20
Power consumption (engine), kW	10
Weight, kg	500

### IPR Protection

IPR1

### Advantages

This technology enables preventing any contamination of air and surface water with hazardous substances and pathogenic microorganisms, produces low emissions; has an option of liquid fuel production

### Stage of Development.

#### Suggestions for Commercialization

IRL3, TRL5

Prototype; investment project for joint production; seeking for partners for joint investment project; prototype is provided and tested on the developer's site; search for sales markets in cooperation with investor

### Contact Information

Yuri L. Zabulonov, Institute of Environmental Geochemistry of the NAS of Ukraine;  
+38 044 502 12 26, +38 044 502 12 23, e-mail: 1952zyl@gmail.com