

S.H.E.

Safe Hygiene for Everyone

Fully automated sanitary pad sterile disposal unit engineered to provide dignity and privacy, waste reduction, and safe hygiene.

Allows for use with multiple fuel sources. Sleek design allows for wall or floor mounting. Unit has a large capacity and a cycle time under 15 minutes.

Designed for use in shared and public settings, including: airports, bus and train stations, cinemas, markets, malls, hotels, factories, restaurants, public toilets, apartments, dormitories, schools, and communities.



## **KEY FEATURES**

- System thermally treats pads, emitting virtually no smoke and producing minimal ash.
- Batch processes up to 25 pads at a time.
- Remote monitoring and service notifications available.
- Automatically detects when optimal number of pads has been reached for efficient disposal.
- Safety features include insulated surface, user standby during operation, and automated shutdown.

## STATUS OF DEVELOPMENT

 Test results show up to 98% reduction in particulate matter (PM2.5) compared to leading competitors.





#### For More Information

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S.H.E.

普及安全的 个人卫生

该全自动卫生巾无菌处置装置旨在维护个 人尊严和隐私、减少废物以及保障安全的 个人卫生。

该装置可搭配多种燃料源使用。外观时尚,适合安装在墙壁或地板上。容量较大,且循环时间不到 15 分钟。

该装置旨在用于共享和公共环境,包括:机场、公交车站和火车站、电影院、市场、购物中心、酒店、工厂、餐厅、公共厕所、公寓、宿舍、学校以及社区。



# 主要特点

- 系统对卫生巾进行热处理,几乎不排放烟雾, 产生的灰烬少之又少。
- 进行批量处理,每次处理多达 25 片卫生巾。
- 可进行远程监控并发送服务通知。
- 自动检测接收的最佳卫生巾数量,以实现高效处理。
- 相关安全特性包括表面绝缘、运行期间通知用 户等待,以及自动关机。

## 开发现状

• 测试结果显示,与主要竞争产品相比,该装置可减少颗粒物 (PM2.5) 高达 98%。





获取详细信息 杜克大学 WaSH-AID 中心 Brian Stoner 博士 (stoner@duke.edu) http://washaid.pratt.duke.edu/ 美国北卡罗来纳州达勒姆