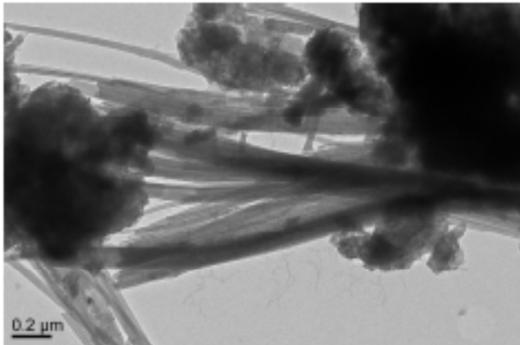
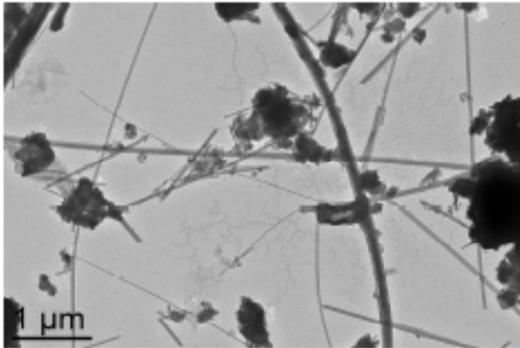


Before treatment



After treatment

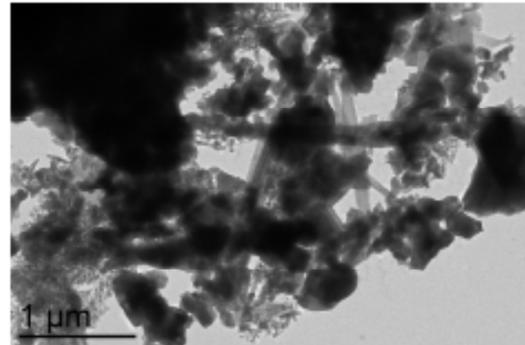
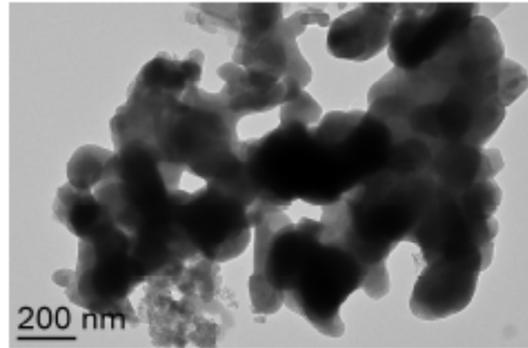


Photo 1. TEM pictures showing effects of microwave treatment of eternit.

The results of X-ray examination (XRD) are illustrated in Photo 2.

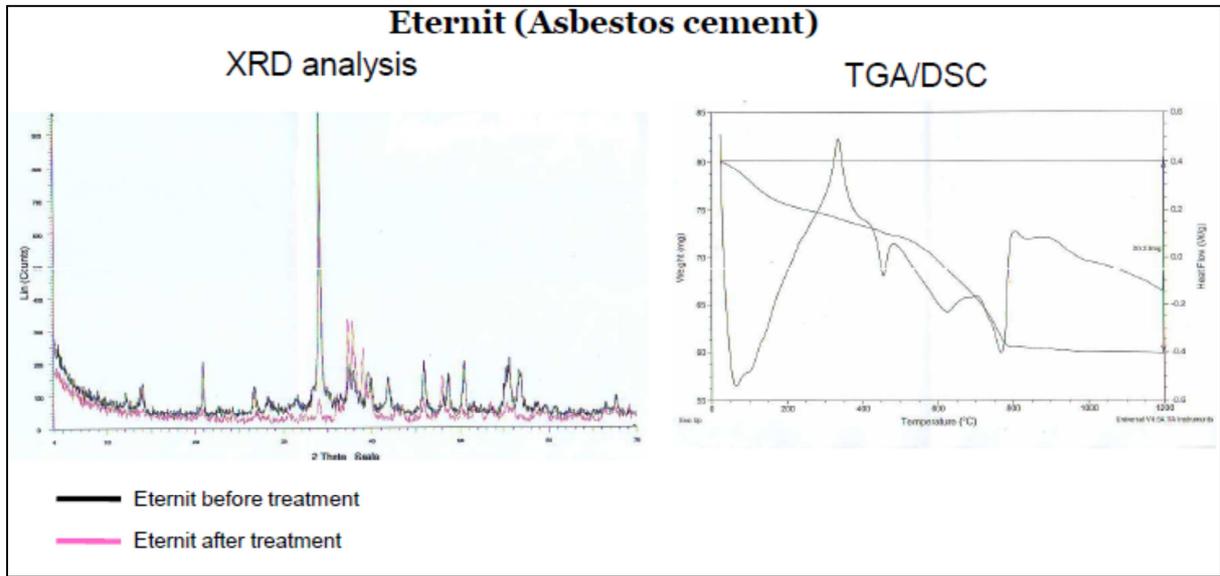


Photo 2. XRD and TGA/DSC diagrams.



Photo 3. Ceramic half-rings by ZAMAC

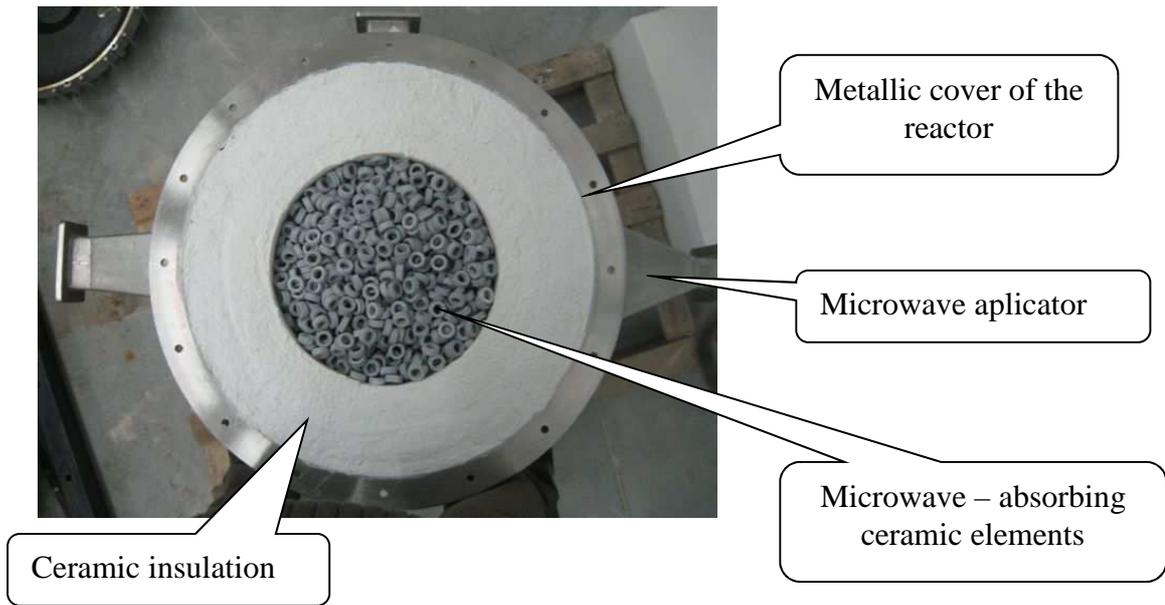
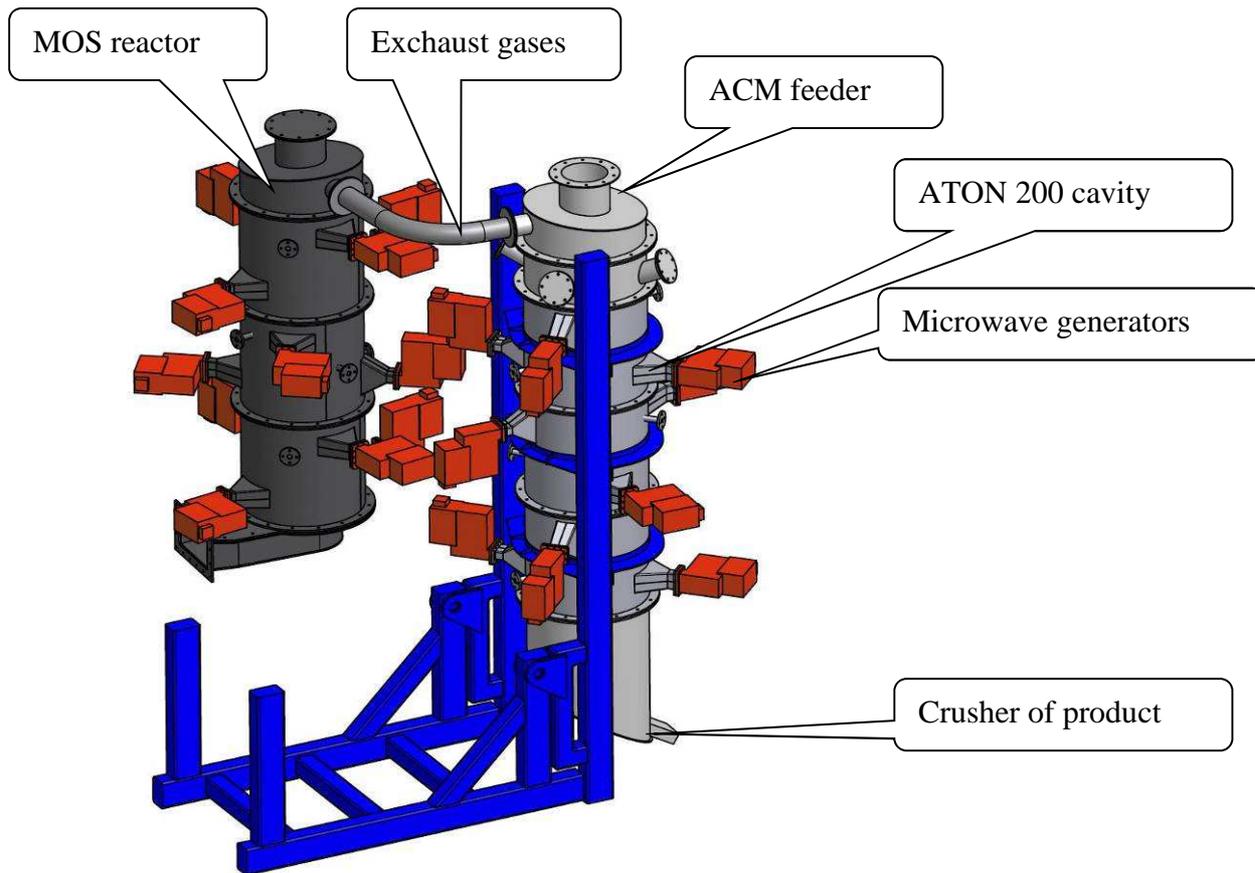


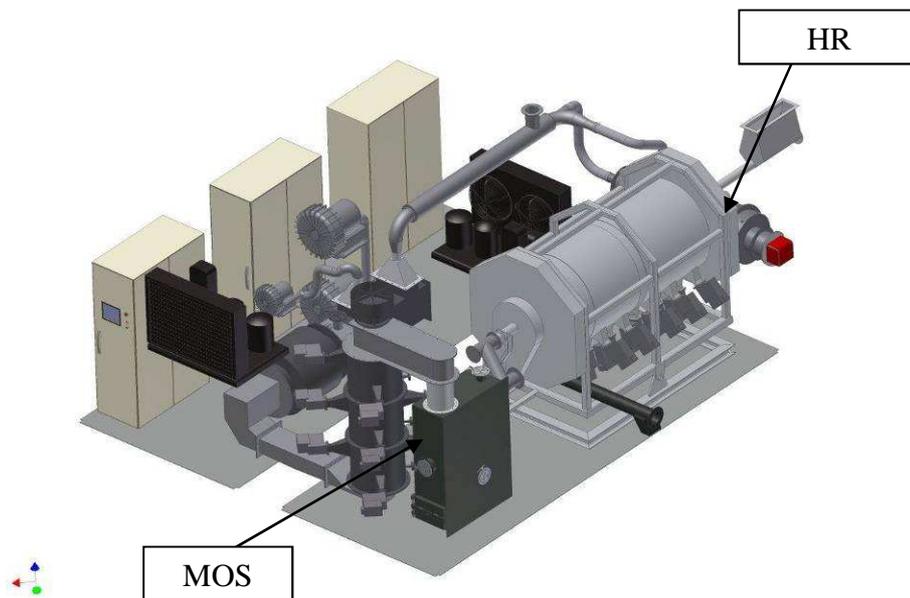
Photo 4. MOS reactor filled with microwave-absorbing ceramics (view from the top).



Photo 5. Distribution of temperature in the chamber of the MOS reactor.



ATON 200 + MOS

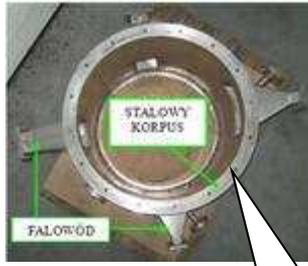


ATON HR + MOS

Fig. 1 ATON 200 reactor with MOS reactor and ATON HR reactor with MOS reactor.



Photo 6. Power supplies located in the cabinet.



chamber



chamber

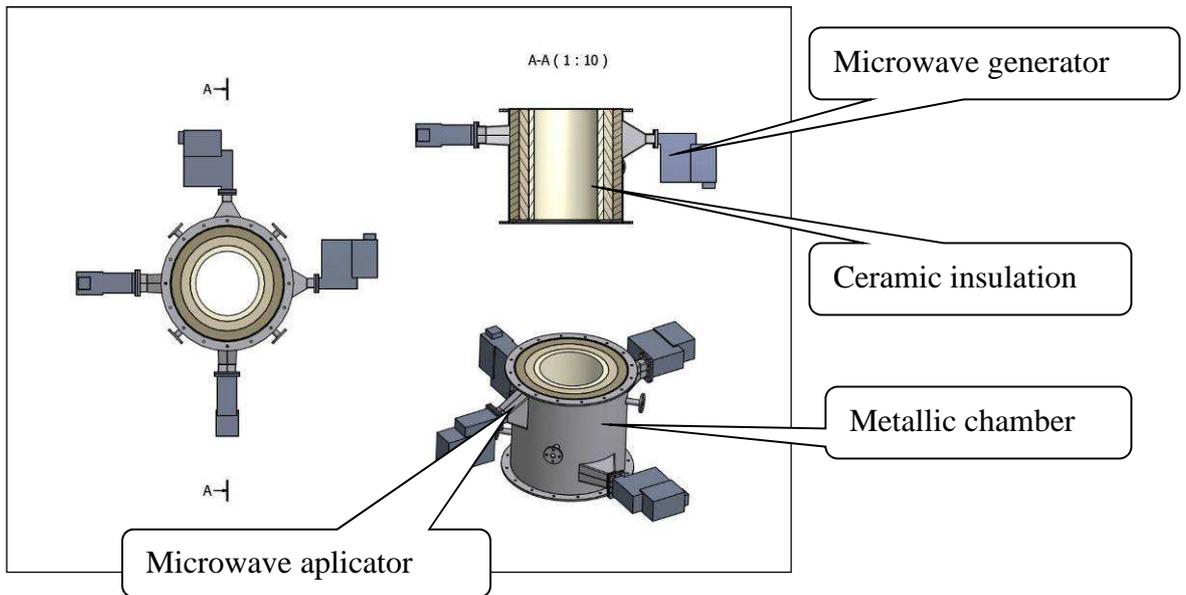


Figure 2. Chamber of a single heating segment with radiators

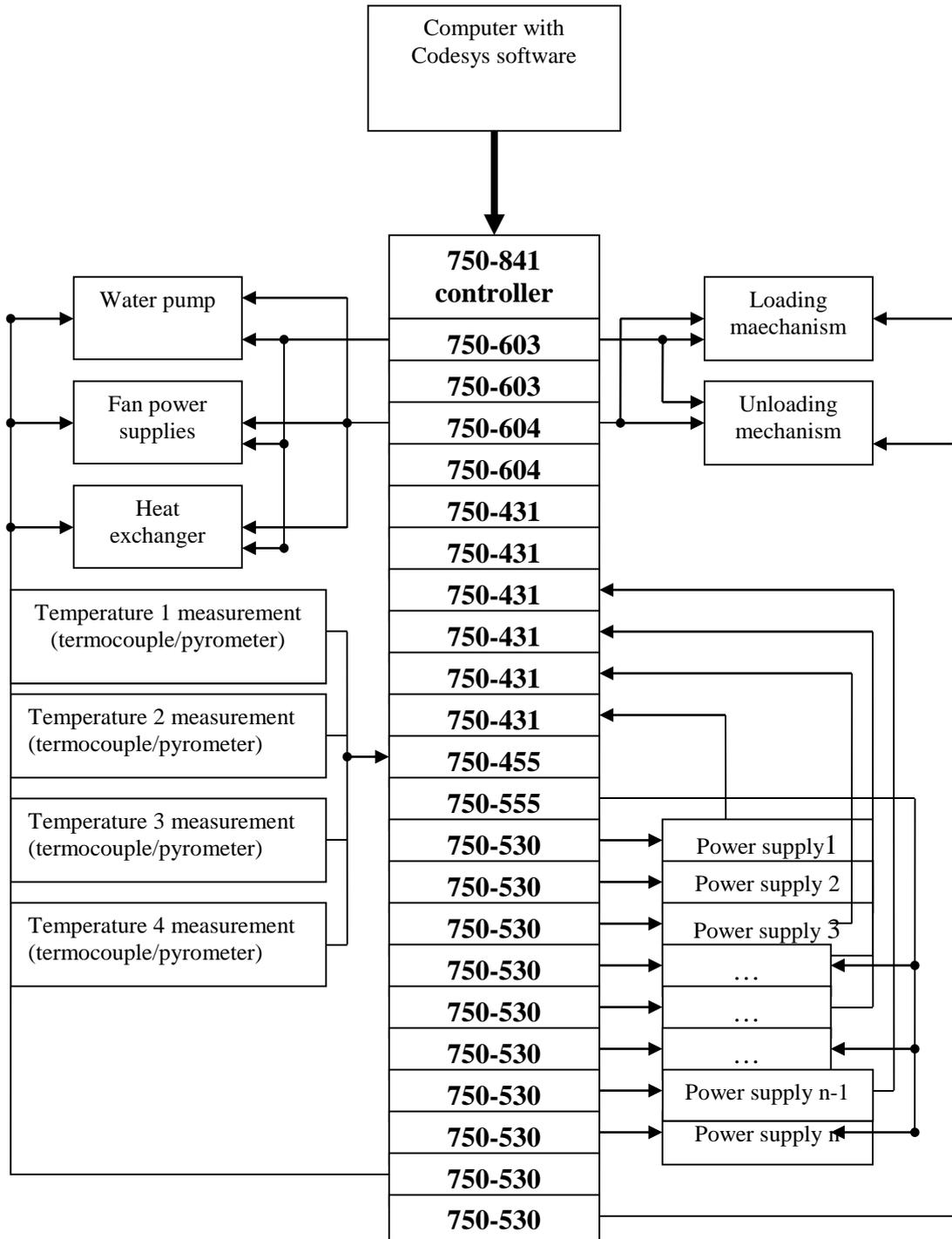


Fig.3 Block diagram of control system



Photo 7. Display on the front panel of the control cabinet

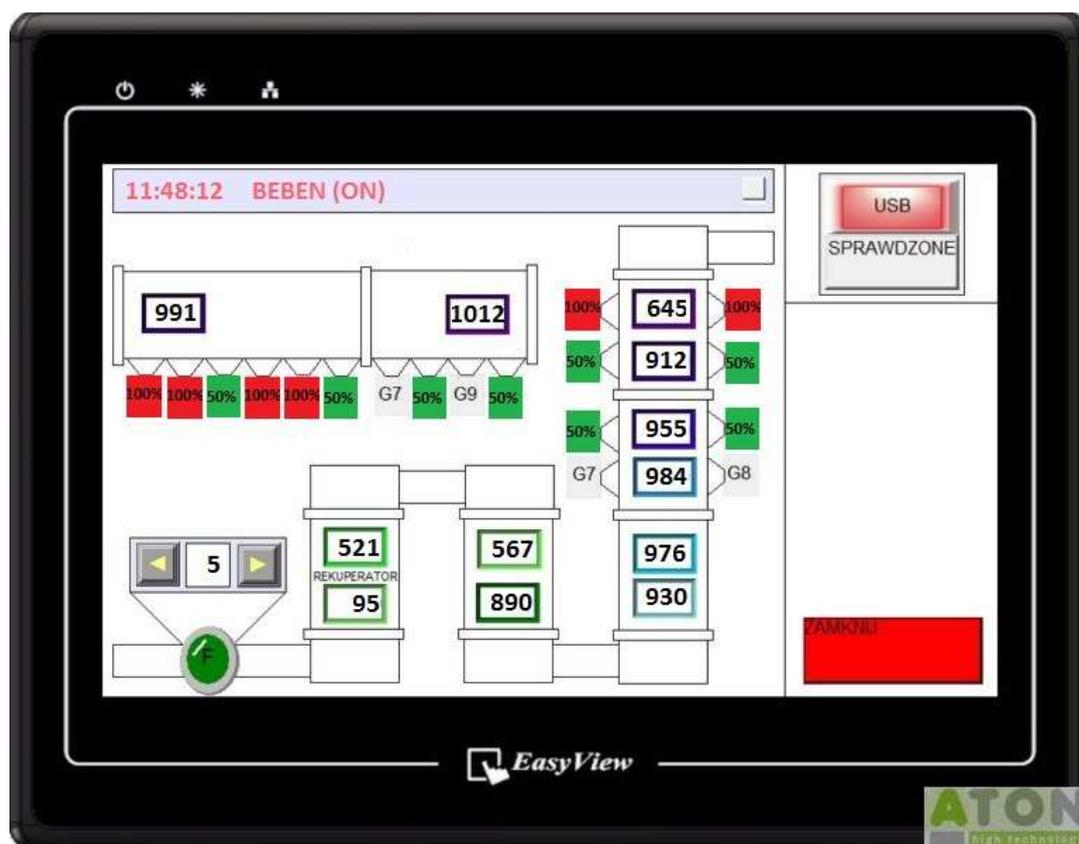


Photo 8. Screen display with process parameters

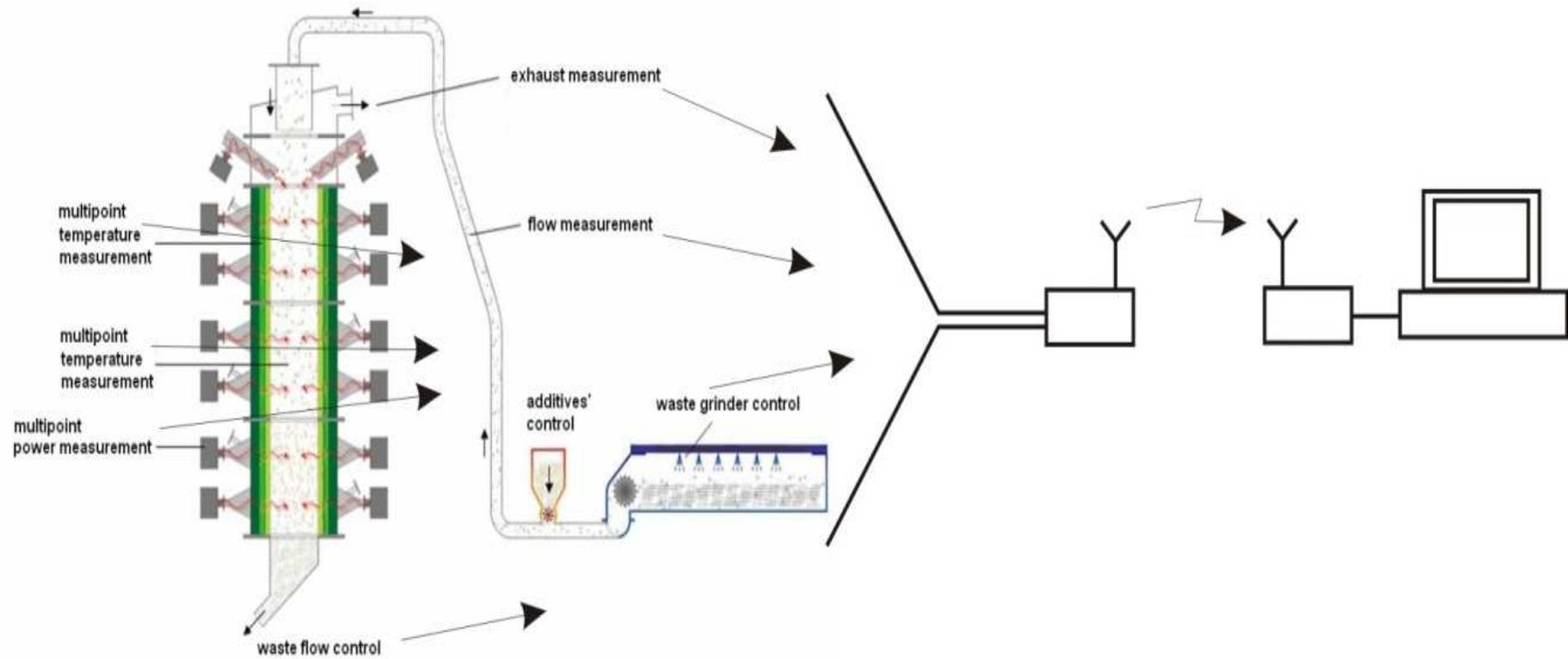


Fig. 7. Simplified diagram of a remote monitoring and control in AMIANTE system.



Photo 9. ATON 20 reactor with MOS reactor



Photo 10. ATON HR 300

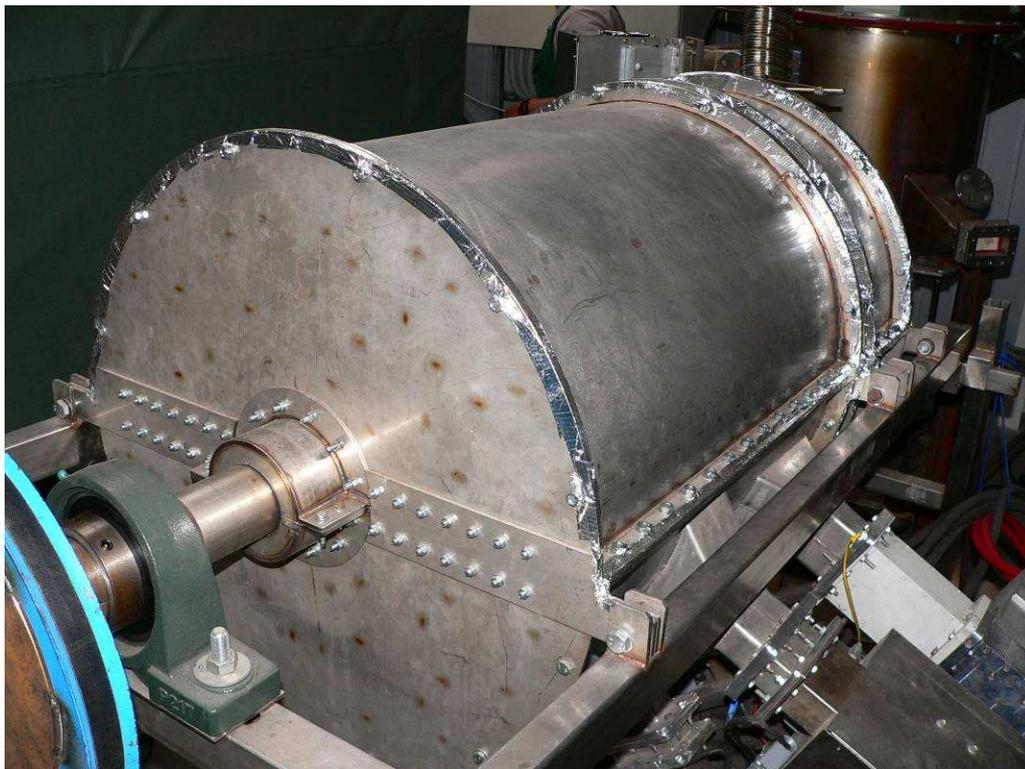


Photo 11. ATON HR-lab

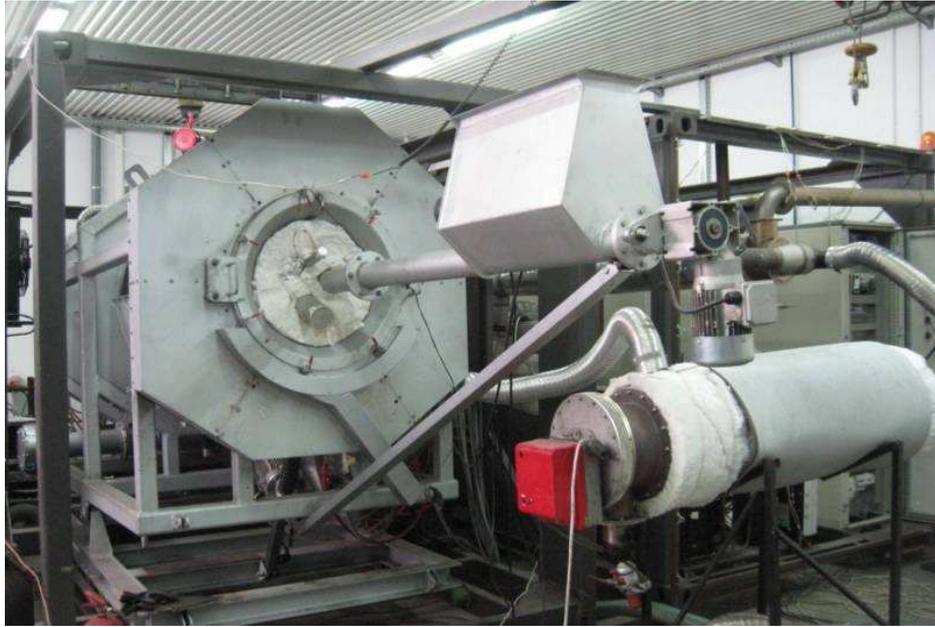
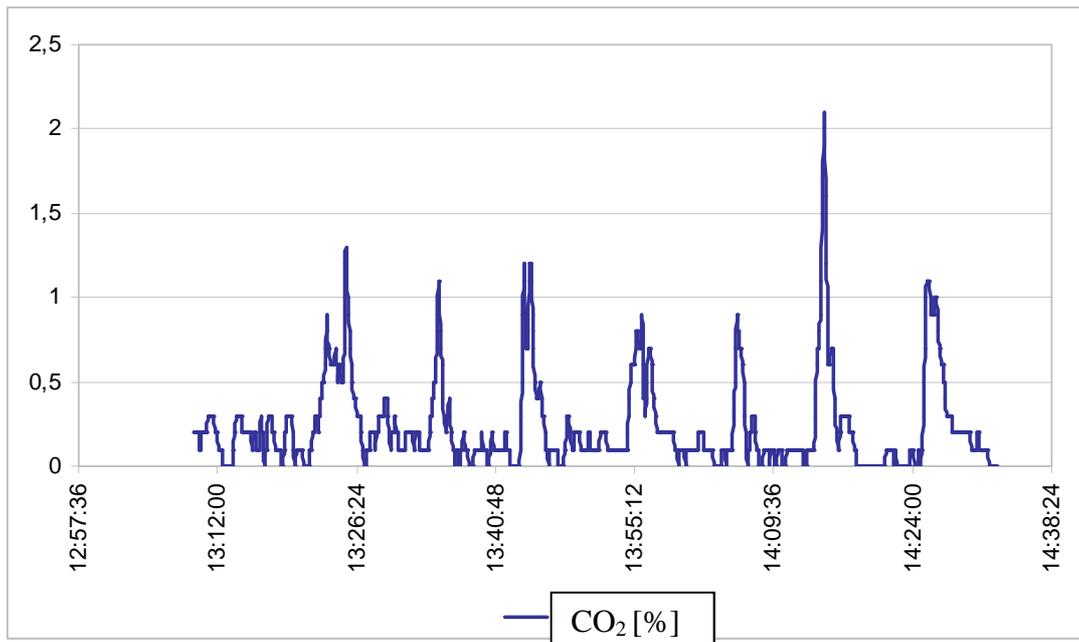


Photo 12. ATON HR 300 reactor with MOS system.



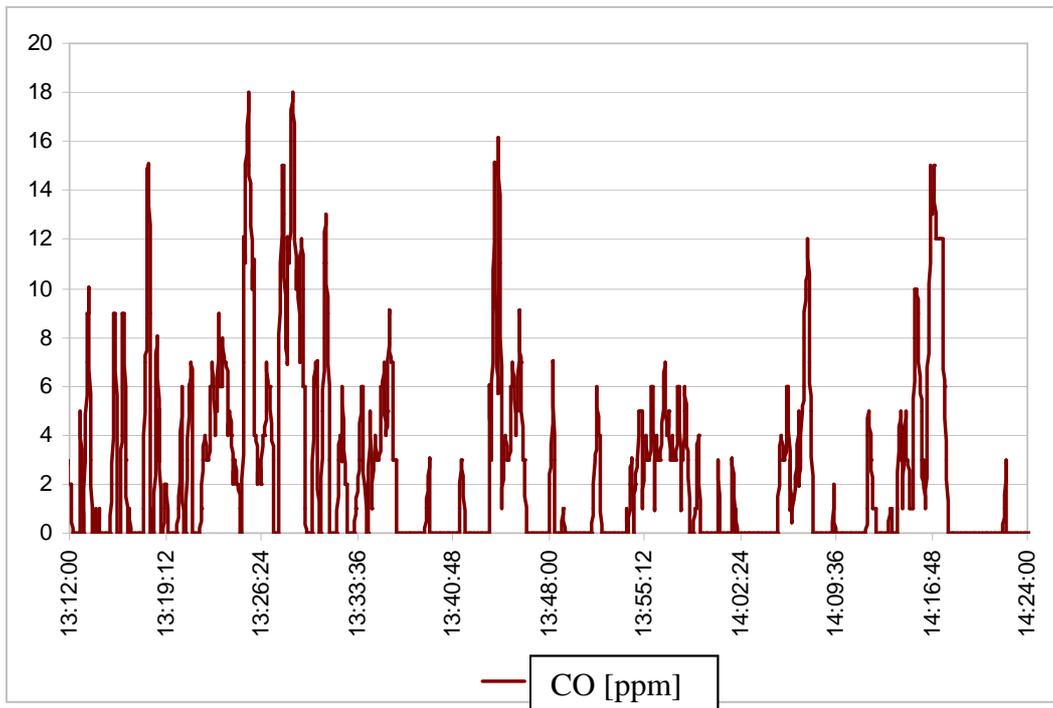
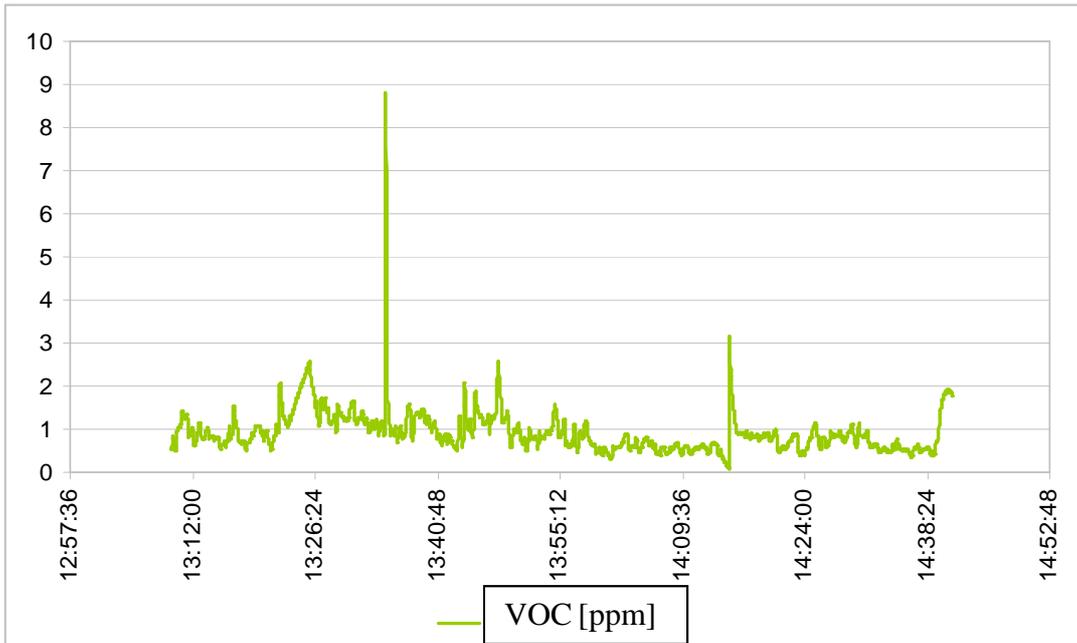


Diagram 1. Selected diagrams of CO₂, CO and VOC concentrations in off gases.

Под Елгавой запущен реактор!

В понедельник, 12 апреля, в волости Сидрабенес под Елгавой прошла презентация первого в мире микроволнового реактора по переработке опасных отходов. Примечательно, что проект был разработан в Национальном технологическим институтом Латвии в сотрудничестве с коллегами из Польши. [Читать всю новость](#)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18
19 20 21 22



Фото Д.Сульжица, NovoNews



Photo 13. HR reactor with MOS reactor under tests in Latvia.

(website link: <http://www.novonews.lv/index.php?mode=photos&id=1063>)