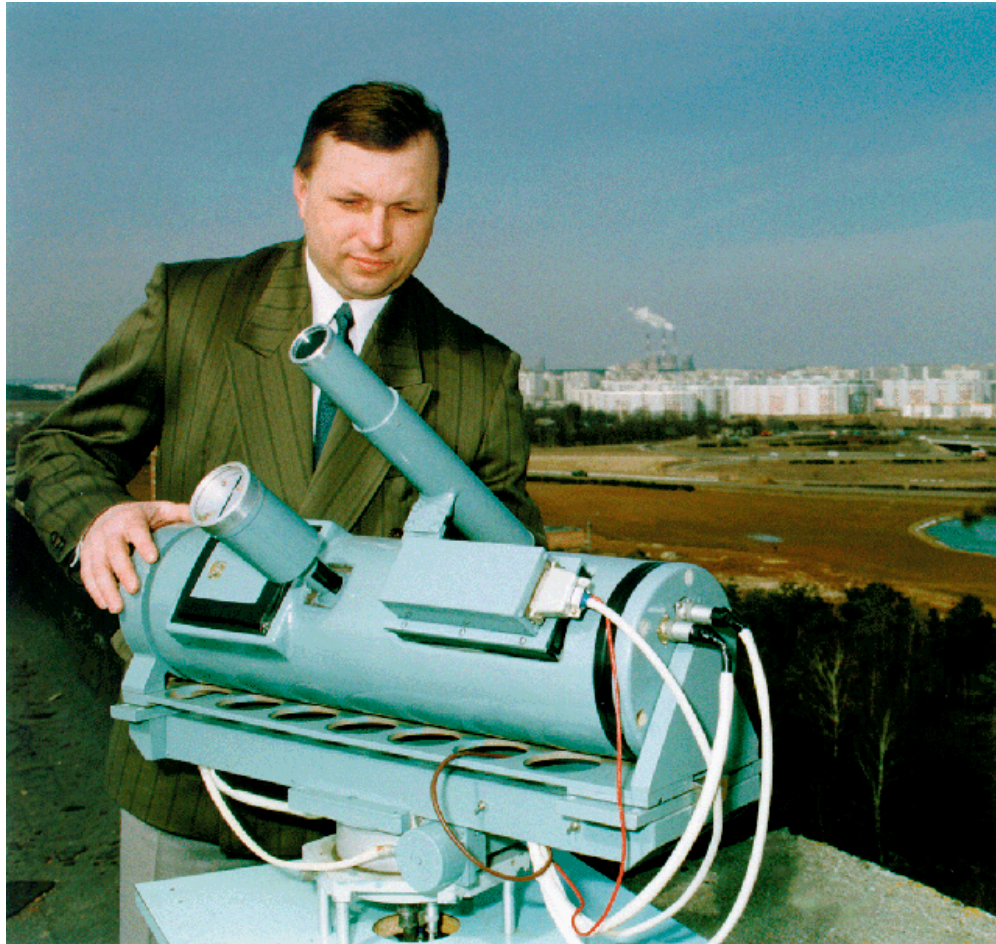




Belarus State University

**National Ozone Monitoring
Research & Educational Center**

Universal solar ultraviolet spectrometer-ozonometer PION



- **Instrument for measuring of total ozone amount in the atmosphere by means of registration of solar ultraviolet radiation reaching the ground in the spectral region of 295 - 320 nm**
- **Possibility of total ozone observations at low sun inclination angles ($\sim 8^\circ$)**
- **Possibility of direct sun UV-B spectral distribution measurements in 295 - 320 nm region**
- **Automatic and high-speed mode of measurements and data storage (up to 1000 total ozone measurements per day)**
- **Multi-wave method of total ozone calculation (20 wavelength in 295-317 nm region)**
- **Precise automatic sun tracking system**
- **Portable construction**
- **Wide-range application ability for ultraviolet measurements**