**Tester of Membrane Air Permeability of nanofibrous membranes**

**Equipment:** Tester of Membrane Air Permeability of nanofibrous membranes

**No. of Equipment:** UJEP30

**Responsible coordinator:** Mgr. Petr Ryšánek

**Name of Institution:** J.E. Purkyně University

**Address of Institution:** Pasteurova 1, 40096 Ústí nad Labem

**E-mail:** Petr.Rysanek@ujep.cz

**Telephone:** (+420) 608627053

**Homepage:** <https://prf.ujep.cz/>

**Contact person:** Prof. Pavla Čapková

**E-mail:** Pavla.Capkova@ujep.cz

**Telephone:** +420 773934548

**Equipment Description**

Tester of air permeability

 **Specification of expertise relevant to NanoEnviCzworkpackages:**

WP3 nanofibers, polymeric nanofibrous membranes with specific functions
**WP3** d, h, **WP7** e, g

**Detailed description of expertise**

**Please, specify the main research topics connected with equipment**:

Characterization of nanofiber polymeric membranes – test of air permeability

**Please, specify the secondary research topics connected with equipment**:

Nanofibrous membranes for filtration and separation processes

Nanofibrous membranes for medical use (wound cover, tissue engineering)

**Keywords describing research area:**

Environment protection and biomedical applications

**Competence**

**Relevance for applied and industrial research:Relevance for fundamental studies:**

Fabrication of polymeric nanofibrous membranes with specific functions using needle spinning