

LUNG ASSIST



- EX SITU PERFUSION OF DONOR LUNGS
- IMPROVEMENT OF LUNG QUALITY • FUNCTION EVALUATION OF DONOR LUNGS

www.organ-assist.nl

LUNGASSIST

DEDICATED PERFUSION DEVICE FOR RECONDITIONING,
QUALITY IMPROVEMENT AND VIABILITY ASSESSMENT
OF DONOR LUNGS



CLINICAL CHALLENGE

- Beat organ shortage
- Reduce discard rate of donor lungs
- Decrease time pressure in transplant hospital
- Reduce ischaemic injury
- Reconditioning of donor lungs
- Viability assessment of donor lungs



EASE OF USE

- Mobile device
- Quick priming / fast connection
- One button control
- Easy sampling of perfusate
- Step-by-step guide on display
- Built-in pressure and flow limits

UNIQUE FEATURES

- Possibility to simulate physiological conditions
- Flow controlled perfusion with rotary pump
- Broad perfusion flow range
- Built-in (de)oxygenator
- Temperature control from hypo- to normothermic
- Monitoring of flow, temperature & pressure
- Data collection predefined parameters
- Applicable with every certified machine perfusion solution

