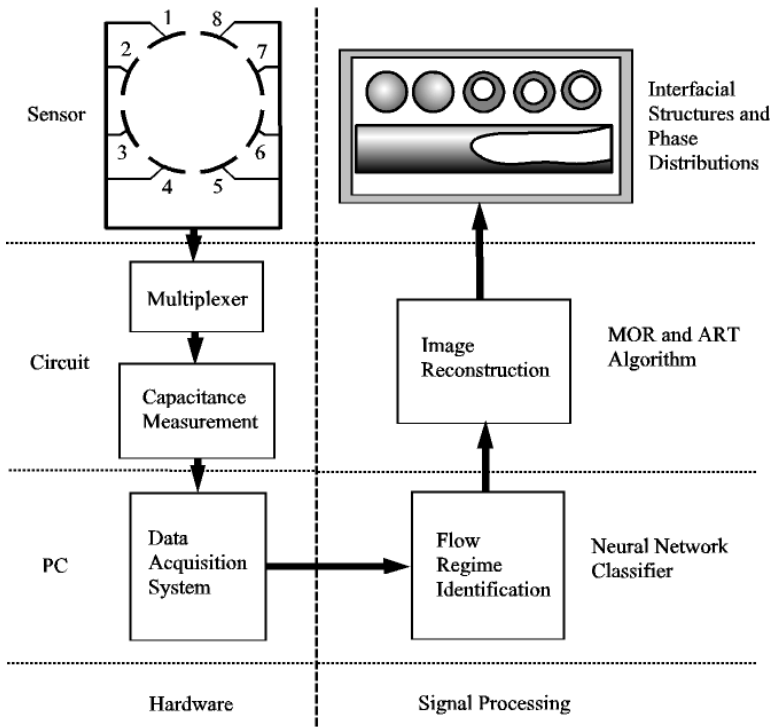
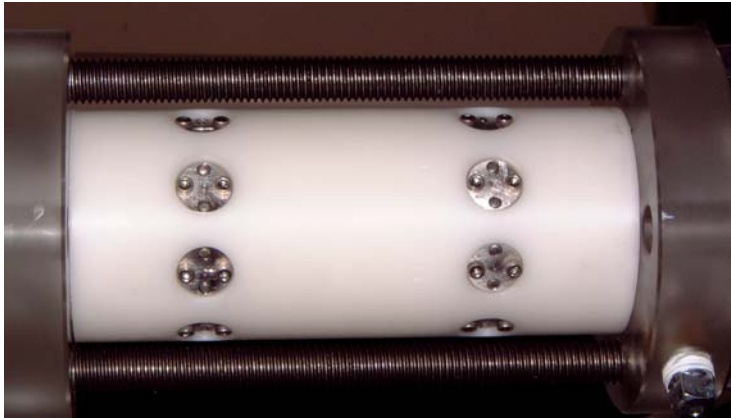


# Electrical Impedance Tomography System

*InElTom is an Intelligent Electrical Impedance (Capacitance/Resistance) Tomography System, developed by En'Urga Inc., for obtaining the void fraction and velocity distribution of multiphase flow.*



## *A Two-Layer InElTom*

**FROM EN'URGA INC.**  
*innovations in quality control*

InElTom, developed under National Aeronautics and Space Administration and Department of Energy grants by En'Urga Inc., is a versatile diagnostic tool that can be used for non-intrusively monitoring and controlling multiphase flow. It utilizes state-of-the-art flow regime identification methodology to optimize the performance of EIT systems for multiphase flow. Compared to other tomography systems, EIT is fast, inexpensive, suitable for small pipes or large vessels, and does not involve safety restraints. InElTom enables monitoring of multiphase pipe flows in industries. It is a valuable aid to researchers who study multiphase flow phenomena.

## *Specifications* ▶▶▶▶▶

- ◆ **Pixel resolution: 1024/layer**
- ◆ **Spatial resolution: 1% of pipe area**
- ◆ **Number of electrodes: 16/layer**
- ◆ **Array scan rate: 500 Hz**
- ◆ **Number of Layers: 2**

## *Accessories* ▶▶▶▶▶

- ◆ **Data acquisition system**
- ◆ **Graphical user interface**
- ◆ **Power supply modules**

