

## Environment Controlled Chamber ECC

### **ECC** General Information: Delivery Content

(Deviations of your Client Specific Configuration: see item 7 of the Main Menu ECC Operation & Maintenance)



The picture shows:  
the weighing chamber on the left hand side (space for filter conditioning or a robotics option, at right),  
the technical components box on the right hand side, with all air conditioning components,  
the monitoring unit with PC or notebook and table.

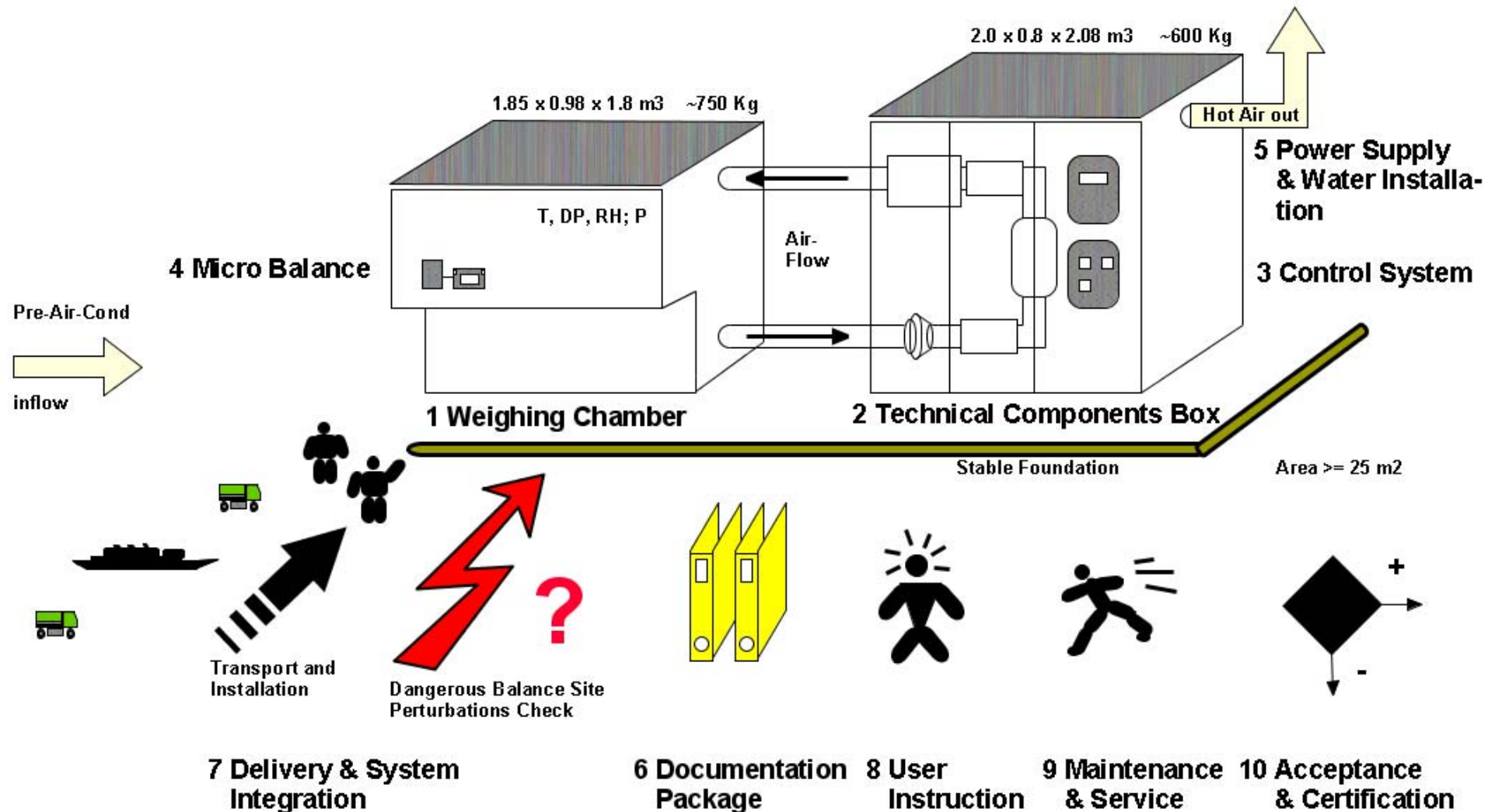
Generally, the delivery content comprises "10 ECC Delivery Positions", as defined in the SCL Structured Components List, for the client specific configuration.

The user can handle a reliable operation of the complete system by following the instructions in the user guide "ECC Operation Menu", installed on the ECC-CM Monitor System.

The maintenance consists of Quarterly Services ( 1 day), done by the user, and Yearly Services, usually done by the supplier IKT AG (2 days).

The user guide "ECC Maintenance Menu" comprises all instructions concerning Installation, Maintenance and Services for a successful ECC operation over years.

## The 10 ECC Delivery Content Positions





## The ECC Structured Components List (SCL)

The delivery content of the ECC System comprises the following main subsystems and packages, defined in the SCL for every client specific configuration, specially also the client specific deviation from the standard configuration

- 1 Environment Controlled Chamber ( T, DP and RH; for the precise and reliable micro balance operation)
- 2 Technical Components Box ( for the high precision air conditioning)
- 3 Control Unit ( for the control of the air conditioning , measurement of pressure and all data presentations)
- 4 Filter Weighing System ( for the main task filter weighing, included filter handling, conditioning )
- 5 Power Supply and Water Installations
- 6 Document Package
- 7 Delivery and Installation Logistics
- 8 User Instruction
- 9 Maintenance and Service
- 10 Special Acceptance and Certification Procedures

## The various ECC Basic System Configurations

- ECC2** Configuration with production dates 2006-08, electro-mechanical design basis for all other variants
- ECC3** Configuration with production dates after 2008, including a new control and monitor system, ECC-CM
- ECC3A** Advanced ultra high control accuracy and performance
- ECC4** Configuration with a modified, usually larger chamber geometry for weighing robotics integration
- ECCX** Configuration with rather substantial than minor client specific modifications