Animal Data Collection System

- Automatic collection of animal data such as animal id, weight and tumor size ...

The Animal Data Collection system consists of:

- Transponder for animal identification
- Reader – handheld or stationary
- Balance – for weighing of animals (optional)
- Caliper – for measuring of tumors (optional)
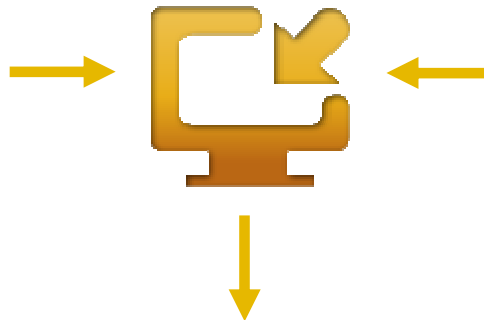

Animals are chipped with animal ID transponder

Animal weight is transferred to PC

Tumor size is transferred to PC

Animal ID is transferred to PC

All data is collected in e.g. a spreadsheet

Full mouse #	Mouse #	Weight	Dosage	D1	D2	D3	Tumor vol	Observations
09900 1100001897509	7509	28.71		3.71	2.22	2.22	9.14	
09900 1100001897509	7509					0	0.00	
900 110000189747	9747					0	0.00	

The equipment shown can be directly connected to your PC for automatic transfer of data.

Spreadsheet example: First, identify the animal with the reader (the number is transferred to cell 1), then place the animal on the balance (the weight of the animal is transferred to cell 2), maybe you want to calculate a dose to be injected based on weight – the spreadsheet can help you with that, then use the caliper to measure the tumor (the tumor dimensions are automatically transferred to your PC) … easy and quick.