Human factors lab

Lab location E1025
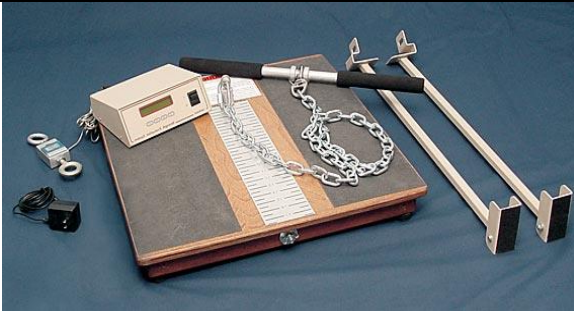
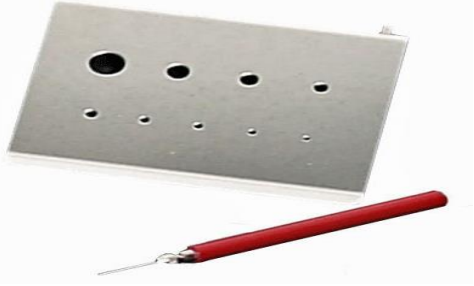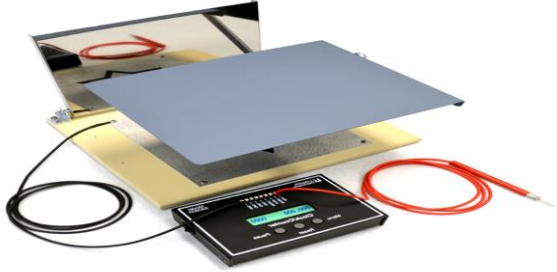|	
	Device name : Jackson Strength Evaluation System
	Used for : to measure the maximum voluntary lifting capacity .
	Experiment associated with it :- The maximum voluntary lifting capacity .
	Device name : **The Two-Arm Coordination Tester**
	Used for : The ability to move both arms in a simultaneous and coordinated manner is measured
	Experiment associated with it :- Assesment of dexterity & coordination
	Device name :- Minnesota Manual Dexterity Board
	Used for : It's used in the manual dexterity test
	Experiment associated with it :- Assesment of dexterity & coordination
	Device name : Automatic Tally Maze
	Used for : The human learning curve effect can be studied using the tally maze
	Experiment associated with it :- Assesment of dexterity & coordination

	Device name :-**The Hole Type Steadiness** Tester
	Used for : It measures the arm hand steadiness
	Experiment associated with it :- Assesment of dexterity & coordination
	Device name : **The Mirror tracer**
	Used for : It measures the bilateral transfer of training .
	Experiment associated with it :- Assesment of dexterity & coordination
	Device name :- **Grooved Peg Board**
	Used for : Testing the finger dexterity
	Experiment associated with it :- Assesment of dexterity & coordination
	Device name : **Silent Response Counter**
	Used for : It's used to measure the number of errors in dexterity and coordination test exp.
	Experiment associated with it :- Assesment of dexterity & coordination

	Device name :- **Hand Grip Dynamometer**
	Used for : Measuring the maximum voluntary contraction of the biceps muscles in the arm .
	Experiment associated with it :- maximum voluntary contraction (MVC)
	Device name : **Single Event Stop Watch**
	Used for ;- To measure the time
	Experiment associated with it :- Assesment of dexterity & coordination
	Device name :- Professional Vision Tester
	Used for : It's used to screen different vision defects
	Experiment associated with it :- Vision tester
	Device name : **Multi-choice reaction time apparatus**
	Used for: to measure the response time to different stimuli.
	Experiment associated with it :- Response time

	Device name :- **Anthropometry Set** **Used for :** It's used to take the required body dimensions which are used in the redesign process Experiment associated with it :- Anthropometry and work space design
	Device name : Television & video **Used for** : It's used to watch video tapes about special topics in the ergonomics field