

### **Formulation Equipment**

- ✓ Single station tablet press
- ✓ V-blender
- ✓ Lyophilizer
- ✓ Autoclave
- ✓ Depyrogenation oven
- ✓ Sterile filtration
- ✓ Solubility workstation

### **Drug product testing instrument**

- ✓ Dissolution bath (apparatus 1 and 2)
- ✓ U/HPLC
- ✓ ICH Stability Chambers
- ✓ UV stability chamber (ICH option 1 and 2)
- ✓ DOE studies for dissolution parameters

### **Capabilities (project types)**

#### ***Preclinical***

- ✓ Toxicology Formulation
- ✓ Solubility and stability studies
- ✓ Specialty formulation
  - Gastroretentive
  - Controlled release
  - C<sub>max</sub> blunting
  - Colonic delivery
  - Enteric coating (mouse and rat capsules)
- ✓ Key pharmacology studies
  - Efficacy
  - POC study

#### ***Clinical***

- ✓ Solid oral dose and parenteral
- ✓ Preformulation
- ✓ Excipient compatibility
- ✓ Solubility and stability studies
- ✓ Prototype formulation development
- ✓ Fixed dose combination (FDC) compatibility studies