



SCHEMATIC

Containment, Reliability & Flexibility

Reactor Sampling System

Technology Introduction

Taking a sample at high temperature is a major cause of worry for pharmaceutical plants especially when the reaction is hazardous. Spillover and exposure of sampling liquid is a perennial cause of batch rejection, reprocessing and various quality-related issues ultimately leading to personnel risk and loss of profits.

Pre-decided quantity of sample can be directly pulled into the sampling container in a closed manner. Operator can see what is happening inside the sampling pot clearly and is **always in control, but never at risk**. Cleaning is easier, faster and risk-free.



Reactor Sampling System



Features

- Optical sensor powered
- DCS operation possible



Benefits

- Stable and accurate results
- Clear visibility during operation and cleaning
- Auto-sampling



Applications

- Sampling at high temperature
- Sampling of high corrosive solvents



Technical Specs

- Pressure and Temperature range**
Up to 3 barg, -40 °C to 200 °C
- Optional features**
SS 316, PTFE coating, Halar coating, Specialised Alloy materials, pH measurement.



SCHEMATIC

Schematic Engineering Industries

Plot No. 37/A, Road No. 52, Phase-IV, IDA, Jeedimetla, Hyderabad- 500 055. A.P. INDIA
Ph: +91 40 2309 4082 / 4083 | M: +91 958 1111 446,
Email: info@schematicind.com | www.schematicind.com