



| Model : V1:NT2P10-ASN                     |   |
|---|---|
| Vessel                                    |   |
| Capacity                                  | 1 liter   |
| Metal                                     | Nickel Coated 316LSS  |
| Heating jacket                            | 304SS   |
| Operation Temperature                     | 200 °C  |
| Test Temperature                          | 230°C   |
| Operation Pressure                        | 100bar  |
| Test Pressure                             | 150bar  |
| Inner Cooling Coil                        | Nickel Coated 316SSL  |
| Other Equipment                           |   |
| Control Panel                             | Delta HMI   |
| Agitator Derive                           | Delta Servo-Motor (100w)                                      |
| Agitator coupling                         | Magnetic coupling ( manufactured by ZPS Industrial Group)     |
| Pressure Transducer (Nickel)              | HOGLLER   |
| Temperature Transmitter (Nickel)          | PT100   |
| Gas Inlet Valve ( Nickel)                 | Unknown   |
| Cooling Coil water Inlet valve ( Nickel ) | Unknown   |
| Drain valve (Nickel )                     | Unknown   |
| Rupture Disc (Nickel)                     | Unknown   |
| Material Input (Nickel Coated)            | Material Input Funnel ( manufactured by ZPS Industrial Group) |
| Structure                                 | 304 SS with Plexiglass Protectiveness                         |



### HMI Implementation

- Temperature Display( in °C)
- Pressure Display (in bar)
- Control RPM of servo-motor
- T-t Diagram
- P-t Diagram
- Pressure Differential Table
- Temperature Differential Table
- Set Pressure Limit Point Alarm
- Set Temperature Limit Point Alarm
- Turn off In Emergency Condition
- Elevating Reactor Automaticly

- این مدل، راکتور بصورت اتوماتیک از صفحه HMI قابل بالا و پایین بردن می باشد و بصورت ایستاده روی زمین قرار می گیرد.
- اپراتور می تواند گزارش آنلاین از تغییرات دما و فشار بصورت نمودار و جدول استخراج نماید.

