

# High Pressure Explosive Proof Hydrothermal Synthesis Autoclave Reactor For Laboratory

Item Number: KR-2H



## Introduction

Enhance your lab reactions with Explosive Proof Hydrothermal Synthesis Reactor. Corrosion-resistant, safe, and reliable. Order now for faster analysis!

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| Model                  | 50ml                     | 100ml   | 150ml   | 200ml   | 250ml   | 300ml   | 400ml    | 500ml    |
|------------------------|--------------------------|---------|---------|---------|---------|---------|----------|----------|
| Reactor material       | 304/316L Stainless Steel |         |         |         |         |         |          |          |
| Reactor inner size(mm) | Ø40*86                   | Ø49*105 | Ø58*125 | Ø63*145 | Ø65*145 | Ø71*147 | Ø81*148  | Ø91*148  |
| Reactor outer size(mm) | Ø53*93                   | Ø63*113 | Ø78*135 | Ø83*155 | Ø83*155 | Ø91*157 | Ø103*162 | Ø117*162 |
| Liner material         | PTFE/PPL                 |         |         |         |         |         |          |          |
| Liner inner size(mm)   | Ø30*69                   | Ø39*84  | Ø45*99  | Ø47*118 | Ø52*121 | Ø56*124 | Ø65*122  | Ø75*121  |
| Liner outer size(mm)   | Ø40*78                   | Ø49*95  | Ø58*114 | Ø63*115 | Ø65*135 | Ø71*137 | Ø81*137  | Ø91*17   |
| Rod size(mm)           | Ø8*200                   |         |         |         |         |         |          |          |
| Overall size(mm)       | 65*139                   | 75*160  | 97*185  | 107*205 | 107*205 | 110*210 | 120*215  | 135*215  |
| Overall weight(Kg)     | 1.65                     | 2.4     | 4.8     | 6.1     | 6.1     | 6.7     | 8.1      | 10.6     |