

## Technical Specifications

### Operating condition

<b>Temperature</b>	Ambient up to 180°C (up to 135°C in ATEX T4 version)
<b>Max pressure</b>	0.5 bar
<b>Vacuum</b>	up to 3 mbar

### Standard Configuration

<b>Glass Assembly Material</b>	Borosilicate glass 3.3 ISO 3585
<b>Sealing System Material</b>	PTFE & CARBOGRAPHITE
<b>Heating Bath Capacity</b>	154 lt.
<b>Evaporation Flask Capacity</b>	50lt. (100lt. option)
<b>Refrigeration System Exchange Surface</b>	1.6m <sup>2</sup>
<b>Collection Flask Capacity</b>	Two flasks of 20 lt. each
<b>Evaporation Flask Rotation Speed</b>	15-100rpm continuously controlled
<b>Thermostatic Resistance Power</b>	6kW
<b>Bath Filling</b>	water or diathermic oil
<b>Vacuum Control</b>	by PLC (Programmable Logic Controller)
<b>Temperature control system</b>	PID (T= ambient to 180°C, ± 1°C accuracy)
<b>Power Supply</b>	380V 3 phases - 50/60Hz
<b>Dimensions</b>	2000 x 840 x 2400 mm

## Configurations

Product no	Description	Strike 5000	Protection Grade
<b>12500/30</b>	DESCENDING VERSION	50 lt.evaporation flask	IP55
<b>12500/31</b>	REFLUX VERSION	50 lt.evaporation flask	IP55
<b>12500/32</b>	DESCENDING VERSION	100 lt.evaporation flask	IP55
<b>12500/33</b>	REFLUX VERSION	100 lt.evaporation flask	IP55
<b>12500/34</b>	DESCENDING VERSION	50 lt.evaporation flask	ATEX - II 2 G b c IIB/IIA T3 OR T4
<b>12500/35</b>	REFLUX VERSION	50 lt.evaporation flask	ATEX - II 2 G b c IIB/IIA T3 OR T4
<b>12500/36</b>	DESCENDING VERSION	100 lt.evaporation flask	ATEX - II 2 G b c IIB/IIA T3 OR T4
<b>12500/37</b>	REFLUX VERSION	50 lt.evaporation flask	ATEX - II 2 G b c IIB/IIA T3 OR T4

## Standard Accessories

Product no	Description
<b>12500/40</b>	20 lt. evaporation flask
<b>12500/41</b>	50 lt. evaporation flask
<b>12500/42</b>	100 lt. evaporation flask
<b>12500/43</b>	20 lt. evaporation flask for powders
<b>12500/44</b>	20 lt. collection flask
<b>12500/45</b>	Trolley for evaporation flask mounting/dismounting