SUPER DEE

Il Centro Accredia LAT n. 094 è accreditato per tarature di bilance, microdosatori e soluzioni idroalcoliche. Per i dettagli consultare la tabella di accreditamento su www.accredia.it

ACCREDIA LAT Center n. 094 is accredited for balances, microdosimeters and hydroalcoholic solutions calibration. For details consult the accreditation table on www.accredia.it

GIBERTINI ELETTRONICA SRL
Via Bellini, 37
20026 Novate Milanese (Milano) - ITALY
Tel. (+39) 02 3541434
Fax (+39) 02 3541438
sales@gibertini.com

www.gibertini.com

ISO 9001:2008

LAT N° 094
**Digital Distilling Unit**
*Mod. SUPER DEE*

In compliance with the official methods for the determination of the alcoholic strength by volume in wines, musts and spirits (Regulation OIV) and of the volatile acidity.

**COMPLETELY AUTOMATIC INSTRUMENT** that allows to obtain a distillate of wine, spirits, scents or other alcoholic solutions to determinate alcoholic strength by volume.  
**INTEGRATED STEAM GENERATOR** directly connected to tap water, with user replaceable demineralisations column (autonomy 100 litres - approximately 400 analyses of volatile acidity). There is no more need of distilled water. After the distillation the instrument automatically locks to avoid any waste of water. Available also without generator (mod. SDEE/SV).

**EXECUTION TIMES:**

<table>
<thead>
<tr>
<th>Distillation of wines:</th>
<th>100 ml in 3÷4 minutes - 200 ml in 6÷7 minutes</th>
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</thead>
<tbody>
<tr>
<td>Distillation of spirits:</td>
<td>250 ml in 6÷7 minutes</td>
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<tr>
<td>Distillation of volatile acidity:</td>
<td>4÷8 minutes</td>
</tr>
</tbody>
</table>

**FUNCTIONS**

**CONTROL PANEL WITH ALPHANUMERIC INTELLIGENT DISPLAY** easy-to-read and keyboard. It drives and controls the microprocessor for:

- The regulation and the tare of the new balance
- The volume to be distilled
- The real time value of the distilled amount
- Check of the inlet cooling water: temperature, pressure and flow.
- The different languages (IT/ES/UK/FR)
- The warning of missing glassware
- The warning of opened protection or drainage

**TECHNICAL CHARACTERISTICS:**

- AISI 316 stainless steel framework
- New vertical sliding transparent protection
- New phial with enlarged drainage to distillate wine lees and grape pulp
- New system rapid and operational (one hand operation) for holding the glassware. It inhibits the distillation if the glassware is not present
- New shower for washing the phial with flow regulation
- Magnetic filter at the inlet of the water for stopping heavy particles
- Automatic stop of the instrument after the distillation: no wasting of water
- Power supply: 220 VAC – 15A max
- Dimensions (WxDxH): 290 x 300 x 1200 mm
- Net weight: 41 Kg
- **Functional requirement for cooling water:**
  - $T_{max} = 20^\circ C$
  - press min. = 1,5 bar
  - flow min. = 5 litres/min

**STANDARD EQUIPMENT**

3x 100ml flasks, 1x 200ml flasks, 2x 300ml conical flasks, 1 x 500ml wash bottle, 1x 100ml bottle with dropping plug, 3 dropping plastic pipettes, chemical products (reagents) and 1 replacement cartridge for $H_2O$ (demineralisation column).