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Mitgeltende Unterlage 51  
**EG-Konformitätserklärung**  
**Technische Fertigung**

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Revision 7

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erstellt am: 2018-05-11 von: Michael Flakowski Unterschrift:

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## EC-Declaration of Conformity

### Low Voltage Directive (2014/35/EU)

Herewith we declare that the machine described below in its conception and design and in the shape delivered by us is in accordance with the fundamental requirements for safety and health as prescribed in the applicable EC directives.

In the case of any change or modification of the machine, not authorised by us, this declaration becomes invalid.

Denomination of the machine: Labormat SD  
D3601USA

Type of machine: Boiling-out unit – standing model

#### The following additional EC directives were applied:

2014/30/EU EMV Directive

The protection objectives of EC Directive 2014/35/EU are complied with.

#### The following harmonized standards have been applied:

##### 2014/35/EU Low Voltage Directive

EN 61010-1:2010 Safety requirements for electrical equipment for measurement, control and laboratory use - Part 1: General requirements (IEC 61010-1:2010 + Cor.:2011); German version EN 61010-1:2010

EN 61010-2-010:2014 Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-010: Particular requirements for laboratory equipment for the heating of materials (IEC 61010-2-010:2014); German version EN 61010-2-010:2014

##### 2014/30/EU EMV Directive

EN 61000-3-2:2014 Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase) (IEC 61000-3-2:2014); German version EN 61000-3-2:2014

EN 61000-3-3:2013 Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection (IEC 61000-3-3:2013); German version EN 61000-3-3:2013

EN 61326-1:2013 Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 1: General requirements (IEC 61326-1:2012); German version EN 61326-1:2013  
Emission according to living area, business and industrial undertakings as well as small enterprises interference stability according to industrial area

EN 55014-1:2006 + A1:2009 + A2:2011 Measurement of interference voltage according to EN55014-1:2006 frequency range 150kHz – 30MHz Conducted interference emission, particular evaluation of click noise interferences- Part 1: Emission (CISPR 14-1:2005 + A1:2008 + Cor.:2009 + A2:2011); German version EN 55014-1:2006 + A1:2009 + A2:2011

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