

EC Declaration of Conformity

Manufacturer **Alpha Technologies** **Sept 15 2014**

Address **3030 Gilchrist Rd. Akron Ohio 44305 USA**

Product Type **Premier MDR 120V and Premier MDR 230V**

Model No **Premier 81040, 81041, 81042, 81050, 81051 & 81052**

We declare that the product described above is in conformity with the relevant provisions of the following directives as amended.

The Machinery Directive (2006/42/EC)

The EMC Directive (2004/108/EC)

The product has been tested and assessed by application of the following standards or specifications, and the National Laws and Regulations adopting these directives. The details of which are contained in the Technical Files F2LQ6155-01E.PDF; F2-Labs 16740 Peters Road Middlefield Ohio 44062

Standard / Year	Description
EN61010-1: 2010	Electrical Equipment for Measurement and control, and laboratory Use Part 1 : General Requirements 61010-1:2010
EN 61010-2-010:2003	Electrical Equipment for Measurement and control, and laboratory Use; Part 2-010: Particular Requirements Laboratory Equipment for the heating of materials.
2006/42/EC,Annex I	Machinery Directive:
EN60204-1:2006	Safety of Machinery-Electrical Equipment of Machines- Part1: General Requirements +A1:2009
EN ISO 13849-1:2008	Safety of Machinery-Safety Related Parts of Control Systems-Part 1: General Principles for Design
EN ISO 12100:2010	Safety of Machinery- General Principles for Design-Risk Assessment and Risk Reduction.
EN 13736:2013	Safety of Machine Tools-Pneumatic Presses



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- EMC Directive:
EN 6161326-1:2013: Electrical Equipment for measurement, Control and Laboratory use EMC requirements part-1 General Requirements
- EN 61000-4-2:2009 Electromagnetic compatibility part 4. Electrostatic discharge immunity test
- EN61000-4-3:2006 Electromagnetic compatibility-part-4. Section 3-Radiated, radio-frequency, electromagnetic Field Inc A1:2008 & A2:2010 Immunity Test
- EN 61000-4-4:2004 Electromagnetic compatibility-Part-4. Section 4-Electrical Fast Transient/Burst immunity test Inc A1:2010
- EN 61000-4-5:2006 Electromagnetic compatibility-Part-4. Section 5-Surge Immunity Test
- EN 61000-4-6:2009 Electromagnetic compatibility-Part-4. Section 6-Conducted Immunity Test
- EN 61000-4-8:1993 Electromagnetic compatibility-Part-4. Section 8-Power Frequency Magnetic Field immunity test Inc A12001
- EC 61000-4-11:2004 Electromagnetic compatibility-Part-4. Section 11-Voltage Dips and Interruptions Immunity Test
- EN 55011:2009, Limits and Methods of measurement of radio disturbance characteristics of industrial, scientific A1:2010 and medical (ISM) radio frequency equipment
- EC 61000-3-2:2006 Electromagnetic compatibility-Part-3-2. Limits for Harmonic Current Emissions \leq 16A/per phase Inc A1:2009 & A2:2009 (IEC61000-3-2:2005)
- EC 61000-3-3:2008 Electromagnetic compatibility-Part-3-2. Limitations of Voltage changes, Voltage Fluctuations and Flicker Inc A1:2001 in public low voltage systems for equipment rated \leq 16A per phase.(IEC61000-3-3:1994)

Certificate of Assurance

Assessment Report F2-Labs

Responsible Person

Name : Michael Danko
Position in Company : Research Sp.

Dated : Sept 12 2014