

<b>DECLARATION of CONFORMITY</b>
----------------------------------

<b>Manufacturer:</b>	SEIKO EPSON CORPORATION	<b>Telephone:</b>	81-266-52-3131
<b>Address:</b>	3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 Japan	<b>Fax:</b>	81-266-52-8409

<b>Authorized representative:</b>	EPSON FRANCE S.A.	<b>Telephone:</b>	33-1-56715720
<b>Address:</b>	PARC TECHNOLOGIQUE EUROPARC 60, RUE AUGUSTE PERRET 94043 CRETEIL CEDEX, FRANCE	<b>Fax:</b>	33-1-56715726
<b>Person authorized to compile the technical file (in this address):</b>		Joaquin Castano	

Declares that the Product:

**Brand Name:** EPSON  
**Product Name:** Industrial Robot  
**Model:** G series/RC180  
**Function:** For more details, please refer to the product description  
pick and place work, assembly operations  
**Options:**

Product Name	Model
Manipulator	G series (Serial number 00501 - )
Controller	RC180 (Serial number 00501 - )

Conforms to the following Directive(s) and Norm(s):

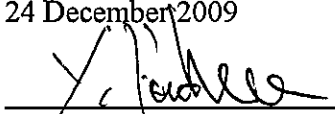
Machinery Directive 2006/42/EC  
ENISO12100-1(2003), ENISO12100-2(2003)  
ENISO10218-1(2008)  
EN60204-1(2006)  
ENISO13849-1(2008)

Low Voltage Directive 2006/95/EC  
EN60204-1(2006)

EMC Drective 2004/108/EC  
EN55011(2007)  
EN61000-6-2(2005)

**The year in which the CE marking was affixed, is 2007.**

24 December 2009

  
\_\_\_\_\_  
Yoneharu Fukushima  
Executive Officer  
SEIKO EPSON CORPORATION

## Annex

### [Manipulator]

The model numbers of the G series manipulator are shown below.

The robots are divided into several type depend on the arm length, the size of mechanical components used on each axis and the purpose (for the use in clean room).

G1 series consists of the following variants

G1 series : G1-171\*, G1-221\*  
: G1-171\*\*, G1-221\*\*  
: G1-171\*-UL, G1-221\*-UL  
: G1-171\*\*-UL, G1-221\*\*-UL

#### G1 - 17 1 S Z - UL

a b c d e f

a: Series name	G1
b: Arm length	17 : 175mm 22 : 225mm
c: Axis#3 stroke	1 : 100mm : 80mm (Clean)
d: Environment	S : Standard C : Clean
e: Axis	None : 4-axis spec Z : 3-axis spec
f: UL	None : Standard UL : UL

G3 series consists of the following variants

G3 series : G3-251\*, G3-301\*, G3-351\*,  
: G3-251\*\*, G3-301\*\*, G3-351\*\*,  
: G3-251\*\*\*, G3-301\*\*\*, G3-351\*\*\*,  
: G3-251\*-UL, G3-301\*-UL, G3-351\*-UL,  
: G3-251\*\*-UL, G3-301\*\*-UL, G3-351\*\*-UL,  
: G3-251\*\*\*-UL, G3-301\*\*\*-UL, G3-351\*\*\*-UL

#### G3 - 25 1 S M - R- UL

a b c d e f g

a: Series name	G3
b: Arm length	25 : 250mm

	30	: 300mm
	35	: 350mm
c: Axis#3 stroke	1	: 150mm
		: 120mm (Clean)
d: Environment	S	: Standard
	C	: Clean
e: Mounting	None	: Standard
	M	: Multi layout
f: Arm type	None	: Standard
	R	: Right carving
	L	: Left carving
g: UL	None	: Standard
	UL	: UL

G6 series consists of the following variants

G6 series : G6-45\*\*, G6-55\*\*, G6-65\*\*, G6-45\*\*\*, G6-55\*\*\*, G6-65\*\*\*,  
: G6-45\*\*-UL, G6-55\*\*-UL, G6-65\*\*-UL,  
: G6-45\*\*\*-UL, G6-55\*\*\*-UL, G6-65\*\*\*-UL

G10 series consists of the following variants

G10 series : G10-65\*\*, G10-85\*\*, G10-65\*\*\*, G10-85\*\*\*,  
: G10-65\*\*-UL, G10-85\*\*-UL, G10-65\*\*\*-UL, G10-85\*\*\*-UL

G20 series consists of the following variants

G20 series : G20-85\*\*, G20-A0\*\*, G20-85\*\*\*, G20-A0\*\*\*,  
: G20-85\*\*-UL, G20-A0\*\*-UL, G20-85\*\*\*-UL, G20-A0\*\*\*-UL

G6 - 45 1 D R - UL  
a b c d e f

a: Series name	G6	: G6 series
	G10	: G10 series
	G20	: G20 series
b: Arm length	45	: 450mm
	55	: 550mm
	65	: 650mm
	85	: 850mm
	A0	: 1000mm
c: Axis#3 stroke	1	: 170mm or 180mm
	3	: 330mm

	4	: 420mm
d: Environment	S	: Standard
	C	: Clean
	D	: IP54
	P	: IP65
e: Mounting	None	: Standard
	R	: Ceiling
	W	: Wall
f: UL	None	: Standard
	UL	: UL

#### [Controller]

The RC180 is a controller which controls the G series manipulator.

Refer to each manipulator manual for the details.

The applicable controller for these robots is the RC180 robot controller.

The basic thought regarding the safety is the same for all series.

The following control software is installed in RC180.

EPSON RC+ 5.0 Ver.5.x

The main options for this robot series are shown below.

- Expansion I/O
- RS-232C
- Fieldbus I/O Slave (PROFIBUS-DP, DeviceNET, CC-LINK, EtherNet/IP)
- OP1
- TP1
- Vision Guide 5.0
- VB Guide
- ECP