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Declaration of Equivalence Form

DECLARATION OF BLOOD PRESSURE MEASURING DEVICE EQUIVALENCE

A SIGNED COPY WILL BE POSTED ON THE www.dableducational.org WEBSITE

SECTION A - Please complete all	items.	
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	CHOILA	r icase co	inpiete an itemie					
ı	Liu Yi, Name of a C	ompany Di	rector		a Director of	Andon Health Co.,Ltd Company name	i.,	
he	reby state	that th	ere are no differences that	will aff	ect blood press	ure measuring accura	cy between th	e
	ker*	CITIZEN		Address		i-cho,Nishi-Tokyo-shi,		
Ma	nufacturer ^b	Andon		Address	Andon Health	Co.,Ltd.No.3 Jin Pin 300190,China		
Bra Blo		CITIZEN	vice for which validation is claimed. If	Model ^d alternative	CHUD514 model names are us	ed, include all.		
blo	ood pressi	ure mea	suring device and the valid	ated blo	ood pressure m	easuring device		
Mal		Andon		Address	Andon Health	Co.,Ltd.No.3 Jin Pin 300190,China	g Street,Ya Ar	n Road,Nankai
Mai	nufacturer*	Andon		Address	Andon Health District, Tianjin	Co.,Ltd.No.3 Jin Pin 300190,China	g Street,Ya Ar	n Road,Nankai
Bra Exis		Andon blood pres	ssure measuring device.	Model	KD-595			
wh	nich has p	reviousl	y passed the ESH2010 pro	tocol, t	he results of wh	nich were published a	s follows:	
Wi acc Ap	ua N, Zha cording t or;21(2):12 reference	ngb X, o the 24-7	Wangb W and Zhangb H. European Society of Hy	Validat pertensi	ion of the And on Internation	on KD595 for clinica al Protocol. Blood	I use and self	-measurement nitoring. 2016
			s between the devices invo	lve the	following comp	onents:		
Tick	one box for e	68		is Moor	uromonts	Yes 🗆	No ⊠	N/A°□
	Part I	1	Algorithm for Oscillometr Algorithm for Auscultator			Yes□	No □	N/A ^f ⊠
		2	Artefact/Error Detection	y ivicas	arements	Yes □	No ⊠	10 1 10 1 M 14 13 17 10 10 10 10 10 10 10 10 10 10 10 10 10
		3	Microphone(s)			Yes□	No□	N/A ^f ⊠
		4 5	Pressure Transducer			Yes □	No ⊠	
		6	Cuffs or Bladders			Yes□	No ⊠	
		7	Inflation Mechanism			Yes □	No ⊠	
		/	milation wice diament					

	-	7. N • TO TO THE PROPERTY OF T			
	3	Artefact/Error Detection	Yes □	No ⊠	
	4	Microphone(s)	Yes□	No□	N/A ^f ⊠
	5	Pressure Transducer	Yes □	No ⊠	
	6	Cuffs or Bladders	Yes□	No ⊠	
	7	Inflation Mechanism	Yes 🗆	No 🖾	
	8	Deflation Mechanism	Yes □	No ⊠	
Part II	9	Model Name or Number	Yes ⊠	No□	
	10	Casing	Yes ⊠	No 🗆	
	11	Display	Yes ⊠	No □	
	12	Carrying/Mounting Facilities	Yes 🗆	No ⊠	
	13	Software other than Algorithm	Yes ⊠	No 🗆	
	14	Memory Capacity/Number of stored measurements	Yes⊠	No □	
	15	Printing Facilities	Yes 🗆	No□	N/A ^g ⊠
	16	Communication Facilities	Yes 🗆	No□	N/A ^g ⊠
	17	Power Supply	Yes 🗆	No⊠	
	18	Other Facilities	Yes ⊠	No □	N/A ^g □
	2.512.52				

An explanation of each item ticked "Yes" must be included in Section B or on a separate sheet.

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Notes:	- 8	Provide the name and address of the actual maker of the device.

- b Provide the name and address of the legal manufacturer of the device, even if it is the same as that of the maker.
- c Provide the name of the brand under which it is sold, even if it is the same as that of the manufacturer or maker.
- d Provide the model name. If alternative or internal model names are used, include all. Each device must be uniquely identifiable.
- Only tick N/A (Not Applicable) if neither device measures blood pressure using the oscillometric method.
- f Only tick N/A (Not Applicable) if neither device measures blood pressure using the auscultatory method.
- g Only tick N/A (Not Applicable) if neither device provides printing, communication or other facilities, as appropriate.

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SECTION B

An explanation for each item, 1 to 18, ticked "Yes" in Section A must be provided here or in an attached document. All differences between the devices must be described.

- (9) The Model Name is changed to CITIZEN CHUD514 from Andon KD-595;
- (10) The new device has a different industrial design.
- (11)No symbol for "inflate to measure".
- (13) The new device can show the average value of the last three measurements.
- (14)Stores 99 readings instead of 2*60 readings.

(18)No voice function.

SECTION C Please cl

Please check that the following are included with the application

* Screen layouts shown complete, and without obscuring labels or lines, in manuals need not be included separately.

SECTION D

Complete all items, bar signatures and seal, online and print. Sign and seal it then send the original to our address below. Please email a signed copy of this form, together with the manuals and images for both devices, to info@dableducational.org.

ompany Stamp/Seal

Signature of Director

Liu Yi

Date

Name

24 May 2018

Signature of Witness

Name

Zhang Fei

Address

Andon Health Co., Ltd. No. 3 Jin Ping Street, Ya An Road, Nankai District, Tianjin 300190, China



Comparison of the CITIZEN CHUD514 with the Andon KD-595

Devices – Item 9	CITIZEN CHUD514	Andon KD-595
Pictures	The state of the s	20:18 10.128 28 128 128
Display Image	MIB:BB 18maBb MIB:BB 18maBb MIB:BB 18maBb	38:88 (8m38p √°), 380 ⇒ 380 ⇒ 380 kPa mmHg M08 *(888)
Validation		ESH 2010
Category	Upper Arm for Clinical Use and Self Measurement	Upper Arm for Clinical Use and Self Measurement
Casing – Item 10	Dimensions	Dimensions
	137mm×62mm×118	153mm×60mm×108
	Ports	Ports

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	Cuff port and Adapter port	Cuff port and Adapter port
	Features	Features
	N/A	N/A
Display – Item 11	Туре	Туре
	Segment LCD	Segment LCD
Carrying/Mounting Facilities – Item 12	N/A	N/A
Software other than Algorithm – Item 13	N/A	N/A
Memory Capacity	Number of stored measurements	Number of stored measurements
Item 14	1 imes99 readings	1×60 readings
Printing Facilities Item 15	N/A	N/A
Communication Facilities – Item 16	N/A	N/A
Power Supply	4×1.5V AA batteries	4×1.5V AA batteries
Item 17		
Other differences	Other Details on Equivalent device that are different to Validated device	Other Details on Validated device that are different to Equivalent device
	No voice function	Voice function

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Same Criteria	Measurement	Measurement
	Accuracy	Accuracy
	Pressure: ±3mmHg	Pressure: ±3mmHg
	Pulse rate: ±5%	Pulse rate: ±5%
	Method	Method
	Oscillometric	Oscillometric
	Ranges	Ranges
	Cuff pressure: 0 – 300 mmHg	Cuff pressure: 0 – 300 mmHg
	Systolic: 60 – 260 mmHg	Range of measurement:30-280mmHg
	Diastolic: 40 –199 mmHg	Pulse rate: 40-180 beats/minute
	Pulse rate: 40-180 beats/minute	
	Inflation	Inflation
	Automatic inflation by internal pump	Automatic inflation by internal pump
	Deflation	Deflation
	Automatic speed deflation system	Automatic speed deflation system
	Cuffs (Please state sizes and materials used)	Cuffs(Please state sizes and materials used)
	Cuff circumference range:22cm-30cm	Cuff circumference range:22cm-30cm

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Bladder dimension:120mm×240mm	Bladder dimension:120mm×240mm
Sensors	Sensors
KD-2107-006GA	KD-2107-006GA
Measurement Records	Measurement Records
1 imes99 readings	1×60 readings
Measurements other than Blood Pressure	Measurements other than Blood Pressure
Pulse rate and IHB	Pulse rate and IHB
Buttons/Switches	Buttons/Switches
Power	Power
Start/Stop button	Start button
Measurement Records	Measurement Records
Memory button M	Memory button MEM
Function	Function
Date and Time setting	Date and Time setting
Analysis	Analysis
N/A	N/A

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Event Marking	Event Marking
N/A	N/A
Communication	Communication
N/A	N/A
Display/Symbols/Indicators	Display/Symbols/Indicators
Preparation	Preparation
N/A	N/A
Measurement Procedure	Measurement Procedure
Measuring during deflation	Measuring during deflation
Post Measurement	Post Measurement
Upper arm	Upper arm
Measurement Records	Measurement Records
1 imes99 readings	1×60 readings
Date and Time	Date and Time
Displayed on LCD	Displayed on LCD

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Power	Power
4×1.5 V AA batteries	4 imes 1.5V AA batteries
Function	Function
N/A	N/A
Communication	Communication
N/A	N/A
Features	Features
N/A	N/A
Not described	Not described
N/A	N/A
Algorithms	Algorithms
Averages and Differences	Averages and Differences
Average value of the last three measurements	None
Diagnostic	Diagnostic
N/A	N/A
Functions	Functions

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N/A	N/A
Communication	Communication
N/A	N/A
N/A	N/A
	Communication

Comments	
Recommendation	Recommended
Date	31 st July 2018

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