

Item	Part #
PA functionality extension adapter for: ⇒ connecting 64-elements probes to 32-channel terminal of the ISONIC 2010, ISONIC 3510 and providing fully parallel 64:64 functionality for the said terminal ⇒ connecting 32- elements probes to 16-channel terminal of the ISONIC 2010 EL, ISONIC 3510, ISONIC 2010 configured according to part ##s SA 804910, SA 804911 and providing fully parallel 32:32 functionality for the said terminal	S 4922A064D032
PA functionality extension adapter for connecting 64-elements probes to 16-channel terminal of the ISONIC 2010 EL, , ISONIC 3510, ISONIC 2010 configured according to part ##s SA 804910, SA 804911 instrument and providing fully parallel 64:64 functionality for the said terminal	S 4922A064D016

For the given pitch size the use of the adapter S 4922A064D032 / S 4922A064D016 *doubles / quadruples the width coverage in the material for the straight beam compression wave applications, such as flaw detection, corrosion mapping, inspection of composite panels for laminations, etc:*



For the wedged linear array probes the extension adapters S 4922A064D032 / S 4922A064D016 allow doubling / quadrupling the size of the active aperture providing the *sharp focusing and imaging while inspecting heavy thickness materials*:





S 4922A064D032 - PA functionality extension adapter for connecting 64-elements probes to 32-channel terminal of the ISONIC 2010, ISONIC 3510 instruments and providing fully parallel 64:64 functionality

S 4922EX20CA050 – extension cable, 20 meter length, 50 pF/meter

64-elements wedged linear array probe on the 200 WT block








PA functionality extension table

<i>Instrument</i>	<i>Part #</i>	<i>Nominal Fully Parallel PA Functionality</i>	<i>Active Extension Adapters</i>	<i>Extended Fully Parallel PA Functionality</i>
ISONIC 2010 EL	SA 804908 EL	1 X 16:16	1 X S 4922A064D032 1 X S 4922A064D016	1 X 32:32 1 X 64:64
ISONIC 2010	SA 804908	1 X 32:32	1 X S 4922A064D032	1 X 64:64
ISONIC 2010	SA 804909	1 X 32:32	1 X S 4922A064D032	1 X 64:64
ISONIC 2010	SA 804910	1 X 32:32 2 X 16:16 2 X 16:16 2 X 16:16	1 X S 4922A064D032 2 X S 4922A064D032 2 X S 4922A064D016 2 X S 4922A064D016	1 X 64:64 2 X 32:32 2 X 64:64 1 X 128:128
ISONIC 2010	SA 804911	1 X 32:32 2 X 16:16 2 X 16:16 2 X 16:16	1 X S 4922A064D032 2 X S 4922A064D032 2 X S 4922A064D016 2 X S 4922A064D016	1 X 64:64 2 X 32:32 2 X 64:64 1 X 128:128
ISONIC 2009	SA 804900	1 X 64:64	-	-
ISONIC 2009	SA 804901	1 X 64:64 2 X 32:32 2 X 32:32	- 2 X S 4922A064D032 2 X S 4922A064D032	- 2 X 64:64 1 X 128:128
ISONIC 2009	SA 804902	1 X 64:64	-	-
ISONIC 2009	SA 804903	1 X 64:64 2 X 32:32 2 X 32:32	- 2 X S 4922A064D032 2 X S 4922A064D032	- 2 X 64:64 1 X 128:128
ISONIC 3510	SA 809010	1 X 32:32 2 X 16:16 2 X 16:16 2 X 16:16	1 X S 4922A064D032 2 X S 4922A064D032 2 X S 4922A064D016 2 X S 4922A064D016	1 X 64:64 2 X 32:32 2 X 64:64 1 X 128:128

<p>ISONIC 3510 Part # SA 809010</p>	<p>PA functionality</p>	<p>Smart Plug – Standard Accessory</p>	<p>Optional Active Extension Adapters</p>
	<p>Fully parallel</p> <p>1 X 16:16</p> <p>2 X 16:16</p>	<p>No</p>	<p>No</p>
	<p>Fully parallel</p> <p>1 X 32:32</p>	<p>Yes</p> 	<p>No</p>
	<p>Fully parallel</p> <p>1 X 64:64</p>	<p>Yes</p> 	<p>1 X S 4922A064D032</p> 






<p>ISONIC 3510 Part # SA 809010</p>	<p>PA functionality</p>	<p>Smart Plug – Standard Accessory</p>	<p>Optional Active Extension Adapters</p>
 <p>The image shows the ISONIC 3510 device, a black handheld unit with a color screen displaying a menu with options: 1 Phased Array, 2 Conventional / TOFD, 3 Exit To Windows, and 4 Shut Down. The screen also shows 'SONOTRON NDT' at the top and 'ISONIC 3510' at the bottom. There are several buttons around the screen and two connectors on the right side.</p>	<p>Fully parallel 2 X 32:32</p>	<p>No</p>	<p>2 X S 4922A064D032</p>  <p>The image shows two cylindrical extension adapters. The top one is a male connector with a grid of pins, and the bottom one is a female connector with a matching grid of sockets.</p>
 <p>This is an identical image of the ISONIC 3510 device as shown in the first row.</p>	<p>Fully parallel 2 X 64:64 1 X 128:128</p>	<p>No</p>	<p>2 X S 4922A064D016</p>  <p>The image shows two cylindrical extension adapters, identical to the ones in the first row.</p>

ISONIC 2010 EL part # SA 804908 EL	PA functionality	Smart Plug – Standard Accessory	Optional Active Extension Adapters
	Fully parallel 1 X 16:16	No	No
	Fully parallel 1 X 32:32	No	1 X S 4922A064D032 
	Fully parallel 1 X 64:64	No	1 X S 4922A064D016 

ISONIC 2010 part #s SA 804908, SA 804909	PA functionality	Smart Plug – Standard Accessory	Optional Active Extension Adapters
	Fully parallel 1 X 32:32	No	No
	Fully parallel 1 X 64:64	No	1 X S 4922A064D032 

ISONIC 2010 Part #s SA 804910, SA 804911	PA functionality	Smart Plug – Standard Accessory	Optional Active Extension Adapters
	Fully parallel 1 X 16:16 2 X 16:16	No	No
	Fully parallel 1 X 32:32	Yes  	No
	Fully parallel 1 X 64:64	Yes  	1 X S 4922A064D032  

ISONIC 2010 Part #s SA 804910, SA 804911	PA functionality	Smart Plug – Standard Accessory	Optional Active Extension Adapters
	Fully parallel 2 X 32:32	No	2 X S 4922A064D032 
	Fully parallel 2 X 64:64 1 X 128:128	No	2 X S 4922A064D016 

ISONIC 2009 UPA Scope Part #s SA 804901, SA 804903	PA functionality	Smart Plug – Standard Accessory	Optional Active Extension Adapters
	Fully parallel 2 X 32:32	No	No
	Fully parallel 1 X 64:64	Yes 	No
	Fully parallel 2 X 64:64 1 X 128:128	No	2 X S 4922A064D032 



S 4922A064D032 and S 4922A064D016
extension adapters manufactured after
(left) and before (right) Oct 31, 2018



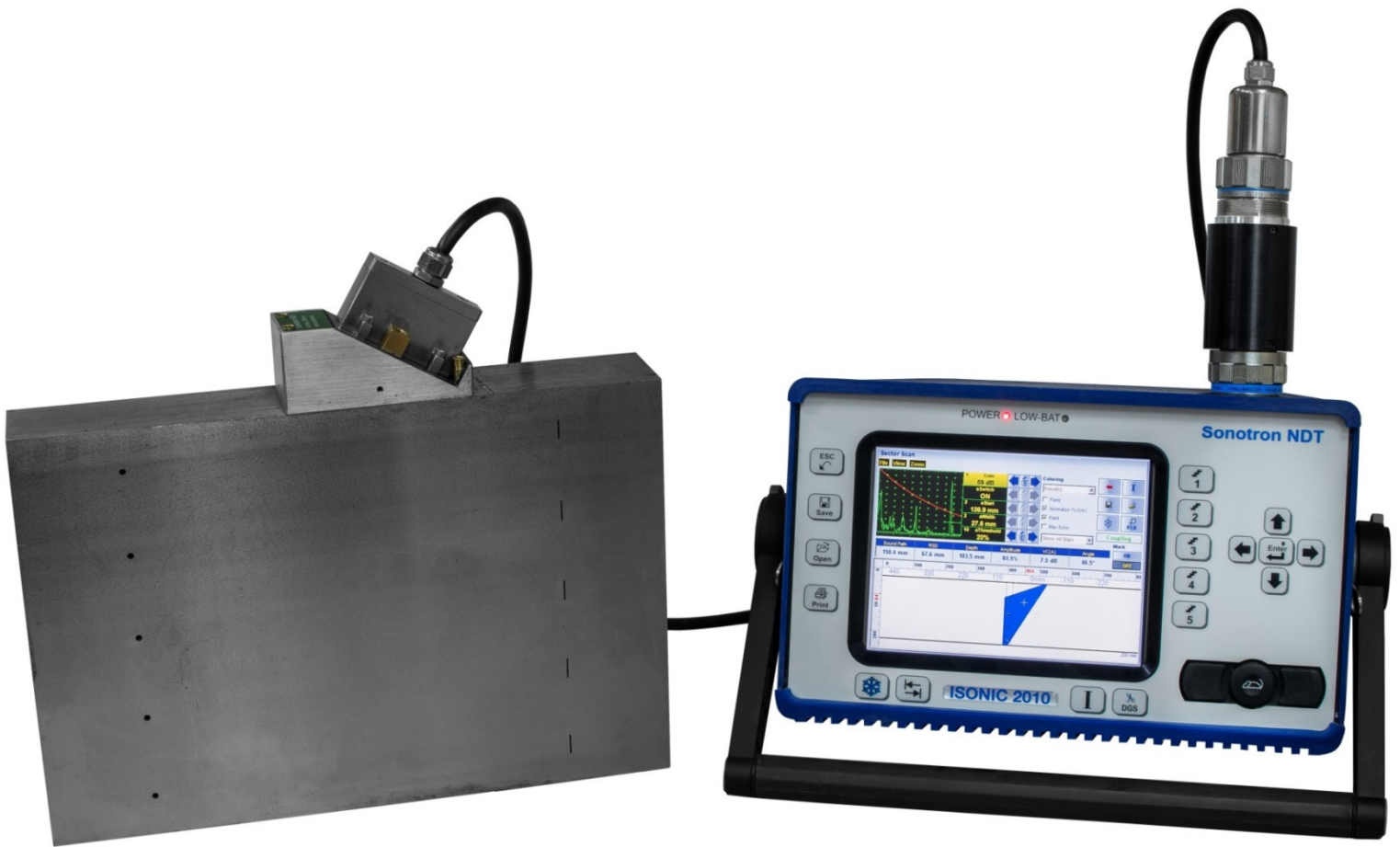
S 4922A064D032 and S 4922A064D016 extension adapters manufactured before Oct 31, 2018



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