

Manufacturer	Equipment		Standard achieved	Field of use ²	Radioactive source	Notification
	Designation	Configuration ¹				
1st Detect	TRACER 1000	<i>System Hardware</i>	00-10001-01 00-10001-03 00-10001-04	Yes (Hand swabbing)	Passengers and Cargo	No
		<i>Auxiliary Hardware</i>	Swab: P/N #88-10002-03 P/N #88-10002-05 P/N #88-10002-06 P/N #88-10002-07			
		<i>System Software</i>	7.17.0.185			
		<i>Detection Algorithm</i>	5.2.25			
		<i>CONOPS</i>	Rev 09, 8/7/2018			
1st Detect	TRACER 1000	<i>System Hardware</i>	00-10001-01 00-10001-03 00-10001-04	Yes (Hand swabbing)	Passengers	No
		<i>Auxiliary Hardware</i>	Swab: P/N #88-10002-03 P/N #88-10002-05 P/N #88-10002-06 P/N #88-10002-07			
		<i>System Software</i>	7.17.0.185			
		<i>Detection Algorithm</i>	5.2.31			
		<i>CONOPS</i>	Rev 09, 8/7/2018			

Manufacturer	Equipment		Standard achieved	Field of use ²	Radioactive source	Notification	
	Designation	Configuration ¹					
Bruker Daltonik GmbH	DE-tector	System Hardware	1824953	Yes (Hand and wand swabbing)	Passengers and Cargo	No	09/04/2015 20/12/2018* *(Configuration Change)
		Auxiliary Hardware	Swab: Sample Collector (P/N 8702660) Sample Collector (P/N 8702660-E) Sampling wand: 8702515				
		Detection Algorithm	Library B_EXEU_EXPL16 (P/N 1836522)				
		CONOPS	2014-06-17/Rev. 1.00 (P/N 1829977) 2016-02-01/Rev. 1.01 (P/N 1829977)				
Bruker Daltonik GmbH	DE-tector	System Hardware	1824953	Yes (Hand and wand swabbing)	Passengers	No	09/04/2015 20/12/2018* *(Configuration Change)
		Auxiliary Hardware	Swab: Sample Collector (P/N 8702660) Sample Collector (P/N 8702660-E) Sampling wand: 8702515				
		Detection Algorithm	Library B_EXEU_EXPL15 (P/N 1836524)				
		CONOPS	2014-06-17/Rev. 1.00 (P/N 1829977) 2016-02-01/Rev. 1.01 (P/N 1829977)				
Bruker Daltonik GmbH	DE-tector	System Hardware	1824953	Yes (Hand and wand swabbing)	Passengers	No	09/04/2015 20/12/2018* *(Configuration Change)
		Auxiliary Hardware	Swab: Sample Collector (P/N 8702660) Sample Collector (P/N 8702660-E) Sampling wand: 8702515				
		Detection Algorithm	Library B_EXEU_MIXD01 (P/N 1836519)				
		CONOPS	2014-06-17/Rev. 1.00 (P/N 1829977) 2016-02-01/Rev. 1.01 (P/N 1829977)				

Manufacturer	Equipment		Standard achieved	Field of use ²	Radioactive source	Notification	
	Designation	Configuration ¹					
Bruker Daltonik GmbH	DE-tector	System Hardware	1824953	Yes (Hand and wand swabbing)	Passengers	No	03/10/2018 24/10/2018 (Correction of entry) 20/12/2018* *(Configuration Change)
		Auxiliary Hardware	Swab: Sample Collector (P/N 8702660) Sample Collector (P/N 8702660-E) Sampling wand: 8702515				
		Detection Algorithm	Library B_EXEU_EXPL22				
		CONOPS	2016-02-01/Rev. 1.01 (P/N 1829977) 2016-02-01/Rev. 1.01 (P/N 1829977)				
Bruker Daltonik GmbH	DE-tector	System Hardware	1824953	Yes (Hand swabbing)	Passengers	No	03/10/2018 24/10/2018 (Correction of entry) 20/12/2018* *(Configuration Change)
		Auxiliary Hardware	Swab: Sample Collector (P/N 8702660) Sample Collector (P/N 8702660-E)				
		Detection Algorithm	Library B_EXEU_EXPL19				
		CONOPS	2016-02-01/Rev. 1.01 (P/N 1829977) 2016-02-01/Rev. 1.01 (P/N 1829977)				
Bruker Optik GmbH	DE-tector flex	System Hardware	1880000	Yes (Hand swabbing)	Passengers	No	06/12/2018 29/04/2021 (Correction of entry)
		Auxiliary Hardware	Swab: Sample Collector (P/N 8702660-E)				
		Detection Algorithm	Library B_EXFL_EXPL10				
		CONOPS	2018-09-28 / Rev. 1.02 (P/N 1859473)				

Manufacturer	Equipment		Standard achieved	Field of use ²	Radioactive source	Notification	
	Designation	Configuration ¹					
Bruker Optik GmbH	DE-tector flex	System Hardware	1880000	Yes (Hand swabbing)	Passengers	No	19/02/2020
		Auxiliary Hardware	Swab: sample collector (P/N 8702660-E)				
		Detection Algorithm	B_EXFL_EXPL11				
		CONOPS	2019-08-27/Rev. 1.03, P/N 1859473				
Bruker Optik GmbH	DE-tector flex	System Hardware	1880000	Yes (Wand swabbing)	Passengers and Cargo	No	19/02/2020
		Auxiliary Hardware	Swab: sample collector (P/N 8702660-E) Wand: P/N 8702515				
		Detection Algorithm	B_EXFL_EXPL11				
		CONOPS	2019-08-27/Rev. 1.03, P/N 1859473				
Bruker Daltonik GmbH	RoadRunner	System Hardware	1860000	Yes (Hand swabbing)	Passengers	No	20/09/2016
		Auxiliary Hardware	Swab: Sample Collector M (P/N 1842394)				
		Detection Algorithm	B_RR00_EXPL14				
		CONOPS	2016-02-16/Rev. 1.00 (P/N 1842342)				
Bruker Optik GmbH	RoadRunner	System Hardware	1860001	Yes (Hand and wand swabbing)	Passengers and Cargo	No	29/04/2021
		Auxiliary Hardware	Swab: Sample Collector M (P/N 1842394) Test Marker RR (P/N 1867612) Sampling Wand (P/N 8702515)				
		Detection Algorithm	B_RR00_EXPL15				
		CONOPS	2020-10-14 / Rev. 1.01 P/N 1870101				

Manufacturer	Equipment		Standard achieved	Field of use ²	Radioactive source	Notification	
	Designation	Configuration ¹					
Leidos (Previously: L3 Technologies Inc.)	QS-B220	<i>Mfr. Part Number</i>	QS-B220-010	Yes (Hand and wand swabbing)	Passengers	No	20/05/2015
		<i>System Hardware</i>	10011377				
		<i>Auxiliary Hardware</i>	Swab: Sample traps (P/N 42200191) Sampling wand - 10011279				
		<i>Detection Algorithm</i>	23176 (P/N 42300086)				
		<i>CONOPS</i>	42400030 (Quick Start Guide) 42400028 (User Manual)				
Leidos (Previously: L3 Technologies Inc.)	QS-B220	<i>Mfr. Part Number</i>	QS-B220-011	Yes (Hand and wand swabbing)	Passengers and Cargo	No	20/05/2015
		<i>System Hardware</i>	10011377				
		<i>Auxiliary Hardware</i>	Swab: Sample traps (P/N 42200191) Sampling wand - 10011279				
		<i>Detection Algorithm</i>	23448 (P/N 42300099)				
		<i>CONOPS</i>	42400030 (Quick Start Guide) 42400028 (User Manual)				
Leidos (Previously: L3 Technologies Inc.)	QS-B220	<i>Mfr. Part Number</i>	QS-B220-012	Yes (Hand and wand swabbing)	Passengers and Cargo	No	20/05/2015
		<i>System Hardware</i>	10011377				
		<i>Auxiliary Hardware</i>	Swab: Sample traps (P/N 42200191) Sampling wand - 10011279				
		<i>Detection Algorithm</i>	23445 (P/N 42300098)				
		<i>CONOPS</i>	42400030 (Quick Start Guide) 42400028 (User Manual)				

Manufacturer	Equipment		Standard achieved	Field of use ²	Radioactive source	Notification
	Designation	Configuration ¹				
Leidos (Previously: L3 Technologies Inc.)	QS-B220	<i>Mfr. Part Number</i>	QS-B220-013	Yes (Hand and wand swabbing)	Passengers and Cargo	No 20/05/2015
		<i>System Hardware</i>	10011377			
		<i>Auxiliary Hardware</i>	Swab: Sample traps (P/N 42200191) Sampling wand - 10011279			
		<i>Detection Algorithm</i>	23444 (P/N 42300097)			
		<i>CONOPS</i>	42400030 (Quick Start Guide) 42400028 (User Manual)			
Leidos (Previously: L3 Technologies Inc.)	QS-B220	<i>Mfr. Part Number</i>	QS-B220-014	Yes (Hand and wand swabbing)	Passengers and Cargo	No 20/05/2015 (Configuration Change)
		<i>System Hardware</i>	10011334			
		<i>Auxiliary Hardware</i>	Swab: Sample traps (P/N 42200191) Sampling wand - 10011279			
		<i>Detection Algorithm</i>	23445 (P/N 42300098)			
		<i>CONOPS</i>	42400030 (Quick Start Guide) 42400028 (User Manual)			
Leidos (Previously: L3 Technologies Inc.)	QS-B220HT	<i>Mfr. Part Number</i>	QS-B220-017	Yes (Hand and wand swabbing)	Passengers and Cargo	No 1/12/2016
		<i>System Hardware</i>	10011377			
		<i>Auxiliary Hardware</i>	Swab: Sample traps P/N 42200191 Sampling wand P/N 10011451			
		<i>System Software</i>	1.4 P/N 42300085			
		<i>Detection Algorithm</i>	25088 (P/N 42300098)			
		<i>CONOPS</i>	42400030 (Quick Start Guide) 42400028 (User Manual)			

Manufacturer	Equipment		Standard achieved	Field of use ²	Radioactive source	Notification
	Designation	Configuration ¹				
Leidos (Previously: L3 Technologies Inc.)	QS-B220HT	<i>Mfr. Part Number</i>	QS-B220-017	Yes (Hand and wand swabbing)	Passengers and Cargo	No 27/03/2018 (Configuration Change) And 03/06/2020
		<i>System Hardware</i>	10011465			
		<i>Auxiliary Hardware</i>	Swab: Sample traps P/N 42200191 Sampling wand P/N 10011451; Sampling wand: P/N 10011279			
		<i>System Software</i>	1.4 P/N 42300085			
		<i>Detection Algorithm</i>	25088 (P/N 42300098)			
		<i>CONOPS</i>	42400049 (Quick Start Guide) 42400048 (User Manual)			



Manufacturer	Equipment		Standard achieved	Field of use ²	Radioactive source	Notification
	Designation	Configuration ¹				
Rapiscan (Previously: Morpho Detection)	ITEMISER 4DX	<i>System Hardware</i>	P0007018-015-CEP	Yes (Hand and wand swabbing)	Passengers	No 24/07/2015 10/04/2020 (CCM)
		<i>Auxiliary Hardware</i>	Swab: M0002057 Hand Wand: M0001240			
		<i>Detection Configuration/ Algorithm</i>	C10.06.11-CEP			
		<i>CONOPS</i>	MA100026-01 / MA100026-02; MA100091 Rev 0C			
Rapiscan (Previously: Morpho Detection)	ITEMISER 4DX	<i>System Hardware</i>	P0007018-015-CEP	Yes (Hand and wand swabbing)	Passengers and Cargo	No 06/08/2015 10/04/2020 (CCM)
		<i>Auxiliary Hardware</i>	Swab: M0002057 Hand Wand: M0001240			
		<i>Detection Configuration/ Algorithm</i>	C10.06.14-CEP			
		<i>CONOPS</i>	MA100026-01 / MA100026-02; MA100091 Rev 0C			
Rapiscan (Previously: Morpho Detection)	ITEMISER DX	<i>System Hardware</i>	P0007018-014-CEP	Yes (Hand swabbing)	Passengers and Cargo	Yes 29/01/2016 10/04/2020 (CCM)
		<i>Auxiliary Hardware</i>	Swab: M0001964-100			
		<i>Detection Configuration/ Algorithm</i>	8.89e13CEP			
		<i>CONOPS</i>	MA100034-01 / MA100034-02; MA100034-02 Rev E			
Rapiscan (Previously: Morpho Detection)	ITEMISER 4DX	<i>System Hardware</i>	P0007018-015-CEP	Yes (Hand swabbing)	Passengers and Cargo	No 11/01/2018 10/04/2020 (CCM)
		<i>Auxiliary Hardware</i>	Swab: M0002057			
		<i>Detection Configuration/ Algorithm</i>	C10.06.23-CEP			
		<i>CONOPS</i>	MA100091 rev0A; MA100091 Rev 0C			

Manufacturer	Equipment			Standard achieved	Field of use ²	Radioactive source	Notification
	Designation	Configuration ¹					
Rapiscan (Previously: Morpho Detection)	ITEMISER DX	System Hardware	P0007018-014-CEP	Yes (Wand swabbing)	Passengers and Cargo	Yes	03/10/2018 *04/10/2018 *Correction of entry
		Auxiliary Hardware	Swab: S/N M0001964-100 Wand: S/N M1000541				
		Detection Configuration/ Algorithm	8.89e14CEP				
		CONOPS	MA100034-02 Revision C				
Rapiscan (Previously: Morpho Detection)	ITEMISER DX	System Hardware	P0007018-014-CEP	Yes (Hand swabbing)	Passengers and Cargo	Yes	25/03/2020 10/04/2020 (CCM)
		Auxiliary Hardware	Swab: S/N M0001964-100				
		Detection Configuration/ Algorithm	8.89e16CEP				
		CONOPS	MA100034-02 Rev E				
Rapiscan (Previously: Morpho Detection)	ITEMISER DX	System Hardware	P00007018-014-CEP	Yes (Wand swabbing)	Passengers and Cargo	Yes	25/03/2020
		Auxiliary Hardware	Swab: S/N M0001964-100 Wand S/N M1000541				
		Detection Configuration/ Algorithm	8.89e16CEP				
		CONOPS	MA001147 Rev. 0A				

Manufacturer	Equipment		Standard achieved	Field of use ²	Radioactive source	Notification	
	Designation	Configuration ¹					
Nuctech	TR2000DB-A	System Hardware	C 1.00	Yes (Hand swabbing)	Passengers and Cargo	Yes	20/09/2016
		Auxiliary Hardware	Swab: BZOA0403000-I-02 Portable swab baker: BZOA0800000-02				
		Detection Algorithm	15.10.31.64				
		CONOPS	7.10				
Nuctech	TR2000DB-A	System Hardware	C 1.00	Yes (Hand swabbing)	Passengers	Yes	11/01/2018
		Auxiliary Hardware	Swab: BZOA0403000-I-02 Portable swab baker: BZOA0800000-02				
		Detection Algorithm	16.8.2.64 (Library E11.A04.1611)				
		CONOPS	7.10				
Nuctech	TR2000DB-A	System Hardware	C 1.00	Yes (Hand swabbing)	Passengers	Yes	11/01/2018
		Auxiliary Hardware	Swab: BZOA0403000-I-02 Portable swab baker: BZOA0800000-02				
		Detection Algorithm	16.8.2.64 (Library E11.A08.1611)				
		CONOPS	7.10				
Nuctech	TR2000DB-A	System Hardware	NIL2.0	Yes (Hand swabbing)	Passengers and Cargo	Yes	11/01/2018
		Auxiliary Hardware	Swab: -04A Portable swab baker: BZOA0800000-02				
		Detection Algorithm	D17.3.16.66 (Library E11.B01.1707)				
		CONOPS	v17.06				

Manufacturer	Equipment		Standard achieved	Field of use ²	Radioactive source	Notification	
	Designation	Configuration ¹					
Nuctech	TR2000DB-A	System Hardware	NIL2.0	Yes (Hand swabbing)	Passengers and Cargo	Yes	03/10/2018
		Auxiliary Hardware	Swab: -04A Portable swab baker: BZOA0403000-I-02				
		Detection Algorithm	D17.3.16.66 (Library E11.B02.1712) (Library E11.B05.1712) (Library E11.B06.1712)				
		CONOPS	v17.06				
Nuctech	TR2000DC	System Hardware	Detector CIL4.0 Firmware C1.2.0	Yes (Hand swabbing)	Passengers and Cargo	No	19/09/2019 And 25/03/2020
		Auxiliary Hardware	Swab: type -04A with Swab Baker Type-02E;				
		Detection Algorithm	D18.9.26 (Library E11.C01.1903) (Library E11.C01.1910) (Library E11.C07.1910)				
		CONOPS	19.03				
Nuctech	TR2000DC	System Hardware	Detector CIL4.0 Firmware C1.2.0	Yes (Hand swabbing)	Passengers and Cargo	No	28/09/2020 (CCM)
		Auxiliary Hardware	Swab: type -05A with Swab Baker Type-02E;				
		Detection Algorithm	D18.9.26 (Library E11.C01.1903) (Library E11.C01.1910) (Library E11.C07.1910)				
		CONOPS	20.02				

Manufacturer	Equipment		Standard achieved	Field of use ²	Radioactive source	Notification	
	Designation	Configuration ¹					
Smiths Detection	IONSCAN 500DT	<i>System Hardware</i>	4816800	Yes (Hand and wand swabbing)	Passengers and Cargo	Yes	29/01/2015 13/02/2017* 13/02/2019*
		<i>System Software</i>	500DT_3.05.031				
		<i>Auxiliary Hardware</i>	Swab: Part Number 6822254-A Wand: P/N 6820512*				
		<i>Detection Algorithm</i>	AE Rev L				
		<i>CONOPS</i>	Operational Manual, Rev. A, May 2013, Part Number 6824395ROW				
Smiths Detection	IONSCAN 600	<i>System Hardware</i>	4824000	Yes (Hand swabbing)	Passengers and Cargo	No	13/03/2015 03/10/2016* and 24/06/2015 01/12/2015 15/06/2016 14/11/2016 30/05/2017 (Configuration Changes) *Result of SRT
		<i>Auxiliary Hardware</i>	Swab: P/N 6824768-01; P/N 1824019-A				
		<i>Detection Algorithm</i>	IS600 Exp ECAC-1 final ECAC E (24727-1)* ECAC E (24766-1)* ECAC E (24766A-1)				
		<i>CONOPS</i>	Ionscan 600 Quick Start Guide, Part Number 6824007				

Manufacturer	Equipment		Standard achieved	Field of use ²	Radioactive source	Notification	
	Designation	Configuration ¹					
Smiths Detection	IONSCAN 600	System Hardware	4824000	Yes (Hand and wand swabbing)	Passengers and Cargo	No	01/12/2015 and 15/06/2016 30/05/2017 (Configuration Change)
		Auxiliary Hardware	Swab: P/N 6824768-01; P/N 1824019-A Sampling Wand: P/N 3824750-1; P/N 3824750-2				
		Detection Algorithm	IS600 Exp ECAC-1 final				
		CONOPS	Operational Manual, Rev. A, May 2015, Part Number 6824005ROW Additional Guidance for Performing a Wand Sample Analysis Rev. A (Sept 2015)				
Smiths Detection	IONSCAN 600	System Hardware	4824000E-101-2 4824000E-101P-2	Yes (Hand and wand swabbing)	Passengers and Cargo	No	03/10/2016 03/10/2018 and 14/11/2016 30/05/2017 21/03/2018 01/02/2019 (Configuration Changes)
		Auxiliary Hardware	Swab: P/N 6824768-01; P/N 1824019-A Sampling Wand (Optional): P/N 3824750-1; P/N 3824750-2				
		Detection Algorithm	ECAC E (24758-1) ECAC E (24758-2) ECAC E (24758-4) ECAC E (24758A-1) ECAC E (24758A-2) ECAC E (24758A-4)				
		CONOPS	6824005ROW revision C, January 2016 6824005ROW revision D, Ionscan 600 Quick Start Guide, Part Number 6824007				

Manufacturer	Equipment		Standard achieved	Field of use ²	Radioactive source	Notification	
	Designation	Configuration ¹					
Smiths Detection	IONSCAN 600	System Hardware	4824000E-101 4824000E-101P	Yes (Hand and wand swabbing)	Passengers and Cargo	No	19/03/2021 (Configuration Change)
		Auxiliary Hardware	Swab: P/N 6824768-01; P/N 1824019-A Sampling Wand (Optional): P/N 3824750-1; P/N 3824750-2				
		Detection Algorithm	ECAC E (24758-1) ECAC E (24758A-1) ECAC E (24758-2) ECAC E (24758A-2) ECAC E (24758-4) ECAC E (24758A-4)				
		CONOPS	6824005 (Operator Manual) 6824007 (Quick Start Guide)				

Notes:

(1) Information on configuration is provided by the equipment manufacturer as part of the testing process. The equipment model can have multiple configurations assembled from each of the elements presented in the fields (System Hardware, System Software, Auxiliary Hardware, Detection Algorithm and CONOPS). Each of the model’s multiple configurations achieved the standard in the specified field of use.

(2) For the performance of ETD equipment, two fields of use have been considered:

Passengers: involves screening of passengers, persons other than passengers, items carried, cabin baggage and hold baggage.

Cargo: involves screening of cargo and mail, in-flight supplies, airport supplies and air carrier materials loaded in the aircraft hold.