

# Rapiscan Secure 1000 Single Pose



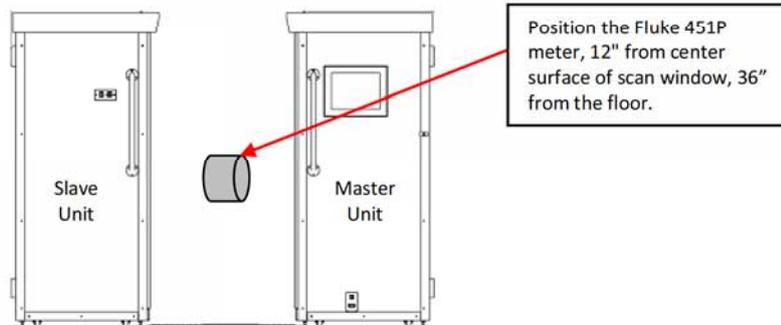
1. Rapiscan Systems Test Procedure Used:  Rapiscan Systems: WI-0136-2	2. System Serial No.  <u>S51011007</u>
3. Radiation Measuring Instrument: Model: FLUKE 451P Serial No: 0474  Calibration Due Date: <u>12/22/2011</u>	4. Background Radiation Reading:  <u>6 μR/hr</u>

## 1. IN BEAM RADIATION EXPOSURE MEASUREMENT:

*Survey Table 1*

Column 1	Column 2	Column 3	Column 4	Column 5 = Column 4 ÷ 10	Column 6
Measurement Location	Survey Height (inches)	# of scans	Total Integrated Exposure (μR in 10 scans)	Total Integrated Exposure (μR/scan)	Administrative Integrated Exposure Limit (μR/scan)
12" from center of the scan window (Master Unit)	36	10	23	2.3	<b>5 μR/scan</b>
12" from center of the scan window (Slave Unit)	36	10	16	1.6	<b>5 μR/scan</b>

**Any Value which exceeds the Rapiscan Administrative Exposure Limit shown in Column 6 shall be reported to the Service Program Manager prior to placing the system into operation**



Position the Fluke 451P meter, 12" from center surface of scan window, 36" from the floor.

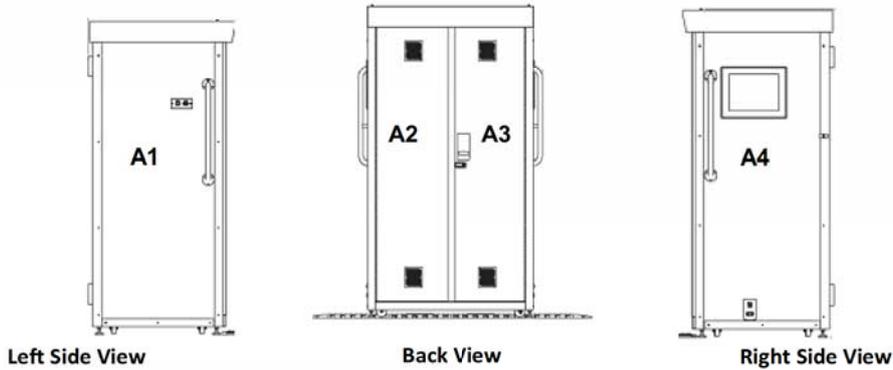
2. RADIATION LEAKAGE MEASUREMENT:

Survey Table 2

Master Unit

Column 1	Column 2	Column 3	Column 4	Column 5
Measurement Location (center of the active unit external surface)	Survey Height (inches)	# of scans	Total Integrated Exposure ( $\mu$ R in 10 scans)	Administrative Integrated Exposure Limit ( $\mu$ R in 10 scans)
A1	36	10	0	2 $\mu$ R
A2	36	10	0	2 $\mu$ R
A3	36	10	0	2 $\mu$ R
A4	36	10	0	2 $\mu$ R

Any Value which exceeds the Rapiscan Administrative Exposure Limit shown in Column 5 shall be reported to the Service Program Manager prior to placing the system into operation



Slave Unit

Column 1	Column 2	Column 3	Column 4	Column 5
Measurement Location (center of the active unit external surface)	Survey Height (inches)	# of scans	Total Integrated Exposure ( $\mu$ R in 10 scans)	Administrative Integrated Exposure Limit ( $\mu$ R in 10 scans)
A1	36	10	0	2 $\mu$ R
A2	36	10	0	2 $\mu$ R
A3	36	10	0	2 $\mu$ R
A4	36	10	0	2 $\mu$ R

Any Value which exceeds the Rapiscan Administrative Exposure Limit shown in Column 5 shall be reported to the Service Program Manager prior to placing the system into operation

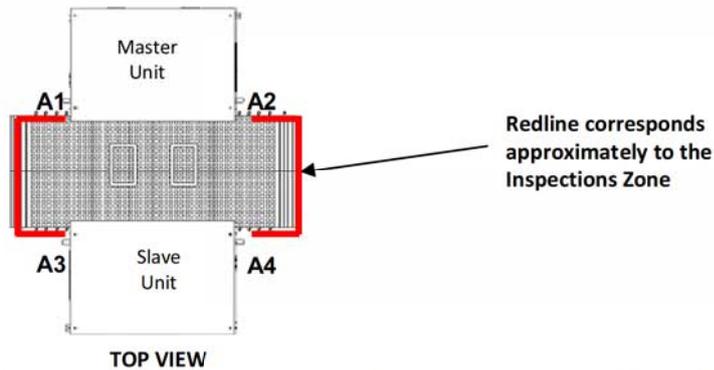


3. INSPECTION ZONE BOUNDARY RADIATION DOSE MEASUREMENT:

Survey Table 3

Column 1	Column 2	Column 3	Column 4	Column 5
Measurement Location	Survey Height (inches)	# of scans	Total Integrated Exposure ( $\mu\text{R}$ in 10 scans)	Administrative Integrated Exposure Limit ( $\mu\text{R}$ in 10 scans)
A1 (12" from edge of the master unit scan window)	36	10	0	2 $\mu\text{R}$
A2 (12" from edge of the master unit scan window)	36	10	0	2 $\mu\text{R}$
A3 (12" from edge of the slave unit scan window)	36	10	0	2 $\mu\text{R}$
A4 (12" from edge of the slave unit scan window)	36	10	0	2 $\mu\text{R}$

Any value which exceeds the Rapiscan Administrative Exposure Limit shown in **Column 5** shall be reported to the Service Program Manager prior to placing the system into operation



**NOTICE:** Results that are within the Administrative Integrated Exposure Limits as indicated in Table 1, 2 and 3 (above) will assure that this system meets all applicable ANSI 43.17, 2009, standards with respect to limits for Reference Effective Dose and x-ray leakage.

**Service Provider Signature is REQUIRED prior to placing the system into operation**

Field Service Technician (FST) (Print First Name, Last Name): [Redacted]	Date: 3/16/2011
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Signature:  
[Redacted]

**Signatures below are administrative and are NOT REQUIRED prior to placing the system into operation**

Service Program Manager Review (Print First Name, Last Name): [Redacted]	Date: 3/16/2011
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Signature:  
[Redacted]

**Signatures below are administrative and are NOT REQUIRED prior to placing the system into operation**

Radiation Safety Officer Review (Print First Name, Last Name): [Redacted]	Date: 3/17/2011
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Signature:  
[Redacted]