Combined Inspection Complex Portal-3







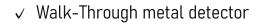
An integrated instrument Portal-3 CIC

combining advanced technologies of automated search of individuals
for metal objects, dangerous chemical
and radioactive agents
Fully certified by Federal Security Service
and explosives





- Metal objects, including:
- blade and fire weapons;
- shrapnel of explosive devices.
- √ Explosives
- √ Hazardous radioactive agents
- Hazardous chemical agents and poisonous substances
- Illicit drugs and their precursors, psychotropics



- Automatic detector for explosives, illicit drugs and other hazardous substances
- ✓ Radiation monitor





Combined Inspection Complex Portal-3







Characteristics of detection of	Waanana	
Characteristics of detection of and metal objects	weapons	
Number of detection areas		10
Displaying the location		
of the detected object		present
on the built-in display		
Displaying the location		
of the detected object on the ends of the side panels		present
Degree of localization of the		accurate
Detection class (detectability)		
according to GOST R 53705-2009		4 (high)
Selectivity class		
(selectivity to non-detection		D (Γ) (high)
according to GOST 53705-20	09	
Detection characteristics		
of ionizing radiation sources		
Category according to GOST p 51635		IV Пу
Minimum detection threshold ¹³³ Ba		140 kBq
Minimum detection threshold ¹³⁷ Cs		170 kBq
Minimum detection threshold ⁶⁰ Co		85 kBq
False alarm rate		1/1000
Classification of detected sources		
by hazard level		3 grades
Characteristics for the detection		
of illicit drugs and/or explosives		
	disruptive and initia	iting,
	industrial and impr	
	including TNT, RDX,	
Identified explosives	nitroglycerin, EGDN	•
	trinitrophenol, amm	
	ASDT, dinitronaphth HMTD.	atene, TATP,
Detection limit in terms of T		1 ng
Illicit drugs traces	••	9
detection function		present
Monitoring function		
for the detection of hazardous presen		present
chemical agents in the air		
Identification of detected substance present		
Possibility of independent activation/ deactivation of detection functions for present		
p		
explosives, illicit drugs, hazardous		

General characteristics of the complex		
Throughput capacity	up to 720	
	people per hour	
Overall dimensions of the passage (WxH) 76x200 cm	
Overall dimensions of the device (W	xHxD) 100x230x120 cm	
Weight	up to 120 kg	
Supply voltage	from 110 to 240 V	
Supply voltage frequency	from 47 to 63 Hz	
Consumed power	350 W	
Detection alarm signal -	displaying information	
, and the second	about an alarm event	
	on the built-in display	
_	buzzer (switchable)	
_	transmission of information	
	about an alarm event via	
	wired communication	
	channel (if there is an	
	established connection)	
Relay alarm output	present	
Interaction with the system	р. 333	
of technical monitoring and control		
results collection when receiving	present	
and transmitting information via	procent	
Ethernet local network using TCP/IP		
family protocol stack		
Exchange of information with		
the system of technical monitoring		
and control results collection using	procent	
_	present	
unified data transfer protocol		
and metadata format developed on the basis of XML		
Non-volatile memory for saving		
settings, event archive including	present	
event date and time	f 00C t / 00C	
Operating temperature	from 0°C to +40°C	
Maximum relative humidity	050/	
at temperature +35°C	95%	
Maintenance period	2 times a year	



chemical agents