

# Valutek Cleanroom Spiral Notebooks

Part Number: VTNBCR


  
NanoTek  
ISO 3-4 (Class 1 -10)


**Description:** Valutek's college ruled spiral-bound notebooks are manufactured with high density polypropylene covers, with plastic spirals and durable cleanroom papers. The covers have an impregnated antistatic property with excellent chemical resistance. The pages are printed with IPA resistant low sodium ink, which reduces fiber and particle generation while lowering ionic contamination. Cleanroom processed and packed. All Valutek cleanroom notebooks are tested and manufactured in ISO compliant facilities under Valutek inspection and strict process control to ensure Valutek quality standard and product specifications.

**Application:** As part of the **Valutek Nanotek product family**, the notebooks are commonly used for note taking, recording and data transferring in a cleanroom Class 1 -10 (ISO 3-4) critical environment. The pages of the notebooks are compatible to most inks without smearing, they also have the ability to lay flat which ensures flexibility and ease of use.

## VTNBCR Size and Packaging

Part Number	Size		Style	Packaging
VTNBCR-35	3" x 5"	7.6 cm x 12.7 cm	100 pages, top spiral-bound	1 ea/bag, 100 bags/case, 100 ea/case
VTNBCR-5585	5.5" x 8.5"	14 cm x 21.6 cm	100 pages, side spiral-bound	1 ea/bag, 40 bags/case, 40 ea/case
VTNBCR-8511	8.5" x 11"	21.6 cm x 28 cm	100 pages, side spiral-bound	1 ea/bag, 20 bags/case, 20 ea/case



- Critical environment compatible. All cleanroom notebooks are fully part number and lot number traceable.



■ Valutek West  
USA-Phoenix.AZ

■ Valutek East  
USA-Albany.NY

■ Valutek Asia Sdn. Bhd  
Malaysia

■ Valutek P.R.C.  
China

■ Valutek Latam  
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[www.valutek.com](http://www.valutek.com)

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## VTNBCR Technical Performance

Attribute	Value	Units	Test Method
<b>ESD Properties</b>			
Surface Resistivity	$6.5 \times 10^{10}$	ohms/square	ESD-S11.11-1993
Static Charge Generation	<10	V	
<b>Technical Performance</b>			
Liquid Particle Count(LPC): $\geq 0.5 \mu\text{m}$	190	counts/cm <sup>2</sup>	IEST-RP.CC020.3, Sec 6.1
Air Particle Count(APC): $\geq 0.5 \mu\text{m}$	50	counts/ft <sup>3</sup> /cm <sup>2</sup>	
<b>Ion Chromatography</b>			
F	0.0016	ug/cm <sup>2</sup>	IEST-RP.CC020.3, Sec 7
NO <sub>2</sub>	0.0017	ug/cm <sup>2</sup>	
NO <sub>3</sub>	0.0128	ug/cm <sup>2</sup>	
SO <sub>4</sub>	0.1517	ug/cm <sup>2</sup>	
Cl	0.3191	ug/cm <sup>2</sup>	
K	0.11	ug/cm <sup>2</sup>	
Mg	0.04	ug/cm <sup>2</sup>	
Na	2.23	ug/cm <sup>2</sup>	
Ca	1.10	ug/cm <sup>2</sup>	

\*Note: Technical data represented in this table are typical values at the time of publication. These should not be used as product specifications. Third party independent lab test results available upon request.



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ESD