

AVENIO Millisect System

Product specifications

Instrument

Instrument footprint (W x D x H)	48 x 33 x 57 cm (19 x 13 x 22 in)
Instrument input power requirements	100–240V ~1.5–0.75A 50–60Hz
Instrument weight	21 kg (46 lbs.)
PC footprint (W x D x H)	50 x 21 x 40 cm (20 x 9 x 16 in)
PC input power requirements	100–240V ~2.9A 50–60Hz
PC weight	8.09 kg (17.8 lbs.)
Safety and emission	ETL, EN
Regulatory	US-IVD FDA Class 1 (510K exempt)

Optics

Camera resolution	14 MP
Optical zoom	5X
Digital zoom	4X

Stage

Stage area	9,000 mm ²
Stage accuracy	5 µm

Consumables

Milling tip - small blade (yellow)	≈250 µm
Milling tip - medium blade (green)	≈525 µm
Milling tip - large blade (blue)	≈725 µm
Dissection fluid volume (ejected)	≈270 µL
Fill station volume	≈4 mL

Dissection

Dissection resolution	≈300 µm
Recovery efficiency	Equivalent to manual dissection
Dissection time*	2 minutes for 1 slide Up to 7 minutes for 4 slides

*Depending on number of annotations—estimated time based on current data





Ordering information

Roche Cat. No.	Description	Pack Size
08106568001	AVENIO Millisect Instrument, Base	—
08106550001	AVENIO Millisect Instrument, Head	—
08106495001	AVENIO Millisect PC	—
08106509001	AVENIO Millisect Milling Tips (S)	48 Pack
08106517001	AVENIO Millisect Milling Tips (M)	48 Pack
08106525001	AVENIO Millisect Milling Tips (L)	48 Pack
08106533001	AVENIO Millisect Fill Station	16 Pack
07171650001	VANTAGE BCR, Handheld – Honeywell*	—
07171706001	VANTAGE BCR Stand, Rigid – Honeywell*	—
07171714001	VANTAGE BCR Stand, Flexible – Honeywell*	—

*Optional Barcode Scanner for purchase

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