

NEOPATH^{PRO}

Automation Redefined for FFPE FISH



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The **NeoPATH Pro** streamlines high-volume **FISH** workflows with advanced features including **42-slide capacity**, **56 reagent positions**, batch access, and real-time data tracking, all in one powerful platform. Designed with direct input from the lab, it delivers clear, consistent staining while **maximizing throughput**. Flexible in design, whether benchtop or freestanding, the NeoPATH Pro empowers your team to work smarter and faster, setting a **new standard in automated FISH technology**.



Pro Performance For Your Laboratory



High Capacity

For Even The Most Demanding Laboratories

The NeoPATH Pro delivers more from every run, processing up to 42 randomized slides with a full overnight hybridization while supporting any protocol in any position. With over 20% greater slide capacity than comparable systems and 56 temperature-controlled reagent slots, it ensures reliable performance, longer reagent life, and less hands-on time.



Ease of Use/User Interface

Making Your Lab Life Simple

The NeoPATH Pro interface enhances traceability and usability, minimizing technician time while ensuring full reagent and lot tracking. Integrated slide scanning and LIS/LIMS compatibility streamline workflows, while multi-instrument management enables centralized control for greater efficiency and quality assurance.



Innovative Technologies

Maximize Your Productivity

The system includes a state-of-the-art camera, QR code scanning for sample tracking, and AI tissue detection for optimized assays. Ultra-fine reagent dispensing is achieved with the Wash Buffer Probe and Neo Blade, while the Reagent Pipette and Bulk Comb system accelerates turnaround. An automated cleaning cycle ensures easy maintenance.



RTU Optimized Reagents

NeoPATH Pro Specific Reagents

RTU FISH reagents, optimized for NeoPATH Pro, deliver consistent signal quality across diverse sample types. CoverGuard technology removes the need for covertile accessories, while pre-optimized reagents streamline hybridization workflows. Intuitive protocols simplify staining, supporting the efficiency needs of high-volume clinical labs.



Ordering Information

Instrument Information	Product Code	Description	Quantity
NeoPath Pro Automated Stainer	NPP0001	Bench Top Instrument	1 Unit
NeoDock	NPP20169	Instrument Accessory	1 Unit
Accessory Products	Product Code	Description	Quantity
Printer Ribbons	NPP20003	Accessory	1 Ribbon
Probe Cleaning Kit	NPRI10009KC10	Accessory	1 Kit
Slide Labels	NPP20002	Accessory	3000 Labels
Ancillary Reagents	Product Code	Regulatory Status	Quantity
Cleaning Solution 10X	NPRI10008MMT84	IVDR	1L Bottle (1000 mL)
TBS Tween 20 Buffer 10X	NPRI10007MMT84	IVDR	1L Bottle (1000 mL)
Cover	NPRI10002T1300	IVDR	2L Bottle (2000 mL)
High-AR	NPRI10003L2T2250	IVDR	2L Bottle (2000 mL)
DEWAX-2 FISH	NPRI10050T200	CE-IVD	2L Bottle (2000 mL)
DEWAX-2 FISH	NPRR10050T200	RUO	2L Bottle (2000 mL)
FISH PT Kit	NPRI10058KT40	CE-IVD	1 Kit (40 Tests)
FISH PT Kit	NPRR10058KT40	RUO	1 Kit (40 Tests)
DAPI w/ Antifade	DAPI-0125	RUO	500ul
Fluorescent Contrast Agent - DAPI + AntiFade	DAPI-VTR-800	CE-IVD	800ul
Probe Name	Product Code CE-IVD	Product Code RUO	Colors
19q13/19p13 FISH Probe	EG001-VTR-FP-CE-NP	EG001-VTR-FP-R-NP	 
1p36/1q25 FISH Probe	EG021-VTR-FP-CE-NP	EG021-VTR-FP-R-NP	 
ALK Break Apart FISH Probe	EG002-VTR-FP-CE-NP	EG002-VTR-FP-R-NP	 
BCL2 Break Apart FISH Probe	EG003-VTR-FP-CE-NP	EG003-VTR-FP-R-NP	 
BCL6 Break Apart FISH Probe	EG004-VTR-FP-CE-NP	EG004-VTR-FP-R-NP	 
CCND1 Break Apart FISH Probe	EG005-VTR-FP-CE-NP	EG005-VTR-FP-R-NP	 
CDK4/CEN12 FISH Probe	EG006-VTR-FP-CE-NP	EG006-VTR-FP-R-NP	 
CDKN2a/CEN9 FISH Probe	EG017-VTR-FP-CE-NP	EG017-VTR-FP-R-NP	 
DDIT3 (CHOP) Break Apart FISH Probe	EG007-VTR-FP-CE-NP	EG007-VTR-FP-R-NP	 
EWSR1 Break Apart FISH Probe	EG009-VTR-FP-CE-NP	EG009-VTR-FP-R-NP	 
FOXO1 Break Apart FISH Probe	EG010-VTR-FP-CE-NP	EG010-VTR-FP-R-NP	 
HER2/CEN17 FISH Probe	EG008-VTR-FP-CE-NP	EG008-VTR-FP-R-NP	 
IGH Break Apart FISH Probe	EG012-VTR-FP-CE-NP	EG012-VTR-FP-R-NP	 
MALT1 Break Apart FISH Probe	EG013-VTR-FP-CE-NP	EG013-VTR-FP-R-NP	 
MDM2/CDN12 FISH Probe	EG014-VTR-FP-CE-NP	EG014-VTR-FP-R-NP	 
MET/CEN7 Break Apart FISH Probe	EG015-VTR-FP-CE-NP	EG015-VTR-FP-R-NP	 
MYC Break Apart FISH Probe	EG016-VTR-FP-CE-NP	EG016-VTR-FP-R-NP	 
ROS1 Break Apart FISH Probe	EG018-VTR-FP-CE-NP	EG018-VTR-FP-R-NP	 
SS18 Break Apart FISH Probe	EG019-VTR-FP-CE-NP	EG019-VTR-FP-R-NP	 
TFE3 Break Apart FISH Probe	EG020-VTR-FP-CE-NP	EG020-VTR-FP-R-NP	 

Available exclusively from Biocare Medical for NeoPATH Pro users.

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System Specifications

Slide Capacity	42 Slides
Reagent Rack	7 Reagent Racks, each consists of 8 Vials (Total 56 vials)
Bulk Reagents	3 Bulk Containers (Max volume: 2000 mL each)
Carboys & Waste separation	Wash Buffer (25 L), Cleaning Solution (25 L) Waste separation: Hazardous waste (25 L) and Non-Hazardous waste (25 L)
Instrument Weight	330.70 lbs (150 kg)
Instrument Weight (with Dock Accessory)	573.20 lbs (260 kg)
Instrument Dimensions	(Door Closed - W x H x D) 54.33 in x 31.49 in x 29.52 in / 138 cm x 80 cm x 75 cm (Door Open - W x H x D) 54.33 in x 51.18 in x 29.52 in / 138 cm x 130 cm x 75 cm (Setup space with PC) W 77.95 in / W 193 cm
Instrument Dimensions (with Dock Accessory)	(Door Closed - W x H x D) 55.16 in x 64.25 in x 29.53 in / 140.20 cm x 163.20 cm x 75 cm (Door Open - W x H x D) 55.16 in x 82.70 in x 29.53 in / 140.20 cm x 210 cm x 75 cm (Setup space with PC) W 78.78 in / W 200.20 cm
Electrical Requirements	Voltage : 100 – 240 VAC Frequency: 50 – 60 Hz
UPS Requirements	120VAC UPS: Power Capacity (VA): 1500 VA - Voltage Required: AC 100/110/120 V 220VAC UPS: Power Capacity (VA): 2000 VA - Voltage Requirements: 220/230/240 VAC



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800.715.5880
3370 Walden Avenue Suite 114
Depew, NY 14043



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