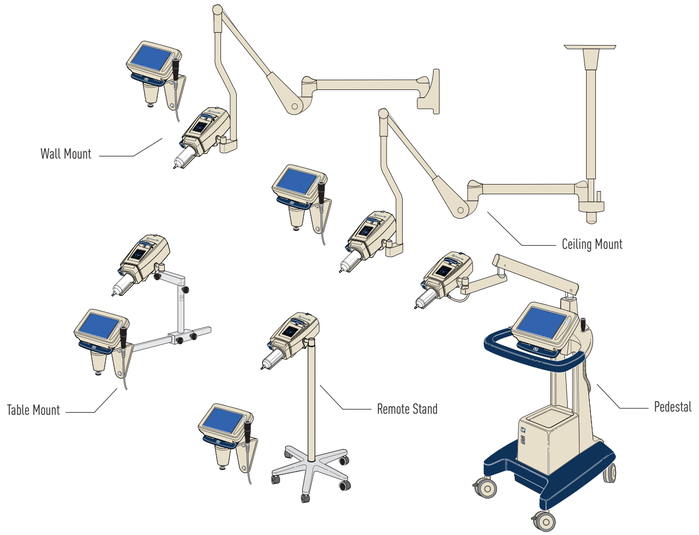
Illumena® Néo

MULTI-MODE CONTRAST DELIVERY SYSTEM

Technical specifications



Flow Rate
- Angio Mode: 0.1 – 40.0 mL/s
- CT Mode: 0.1 – 10.0 mL/s

Pressure Limit
- Angio Mode: 75 – 1200 psi
- CT Mode: 75 – 300 psi

Syringe Sizes
- 150, 200 mL - empty syringes
- 50, 75, 100, 125 mL – PFS

Syringe Heater
- 37°C nominal.
Minimises the loss of heat from preheated contrast

Inject Delay
- 0 – 300 sec

X-ray Delay
- 0 – 300 sec

Scan Delay (CT-Mode)
- 0 –300 sec

Rate Rise
- 0 – 10 sec

Phase Delay
- 0 – 300 sec

Number of Phases
- Up to 4

Protocol Memory
- Angio Modes: 45 protocols
- CT modes: 45 protocols

Component Dimensions
- Console: 304.8 x 209.5 x 57.2 mm
- Power Pack: 431.8 x 184.2 x 279.4 mm
- Powerhead: 462.3 x 188 x 165.1 mm
- Total weight: 72.9kg

Power Requirements
- Voltage: 100-127 VAC/220-240 VAC
- Frequency: 50/60 Hz
- Power: 1500 W maximum, 100 W standby

OptiProtect™ SERVICE AND SUPPORT FROM GUERBET YOU CAN RELY ON

GUERBET SERVICE + SUPPORT

Syringes are for single use only and marked accordingly
Use only LF disposables to ensure proper use of the Illumena® Néo and to ensure warranty is still valid.

The Illumena® Néo is a medical device (Class: II b, CE0123) intended for use by medical imaging and diagnostic health professionals, for injecting radiopaque contrast media into a patient's vascular system during CT examinations, Coronary Angiography, Cardiac Catheterisation or Interventional procedures.
LF Illumena® disposables are medical devices (Class: II a, CE0123).
For complete information about precautions and optimal usage conditions for these medical devices, we recommend consulting the instructions notice/user's manual.
Illumena® & Illumena® disposables Notified Body: TUV SUD Product Service GmbH.
Manufacturer: Liebel-Flarsheim Company LLC, 2111 East Galbraith Road, Cincinnati, OH 45237, USA.
Contrast&Care®: medical device (Class I, CE) - Manufacturer: Medex, 240 Allée Jacques Monod, 69800 Saint-Priest, France.
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Illumena® Néo
MULTI-MODE CONTRAST DELIVERY SYSTEM

Medical Devices	References		Picture	Description
Illumena® Néo – Contrast Delivery System with Rolling Pedestal	7261	209701		Contrast Delivery System with Rolling Pedestal
Illumena® Néo – Contrast Delivery System with Ceiling Suspension and Rack Mount	7272	223756		Contrast Delivery System with Ceiling Suspension and Rack Mount
Illumena® Néo – Contrast Delivery System with Table Mount	7267	223752		Contrast Delivery System with Table Mount
Contrast&Care®	Ask your Guerbet Representative			Injection Management Solution.

Other configurations are available in some regions. Please speak to your Guerbet representative.

Faceplates

A choice of faceplates for Prefilled syringes or original LF syringes

Medical Devices	References		Description
Illumena® Néo – Faceplate 125 mL (PFS)	900480	223896	Market Specific Prefilled Syringes
Illumena® Néo – Faceplate with ADAWS Air Detection System - 150 mL	900460	223934	900103 / 223257 150 mL LF Syringe*
Illumena® Néo – Faceplate 200 mL original LF syringe	900477	209828	900105 / 223253 200 mL LF Syringe*
Illumena® Néo – Faceplate 150 mL original LF Syringe	900490	223898	900103 / 223257 150 mL LF Syringe*

Heater Blanket (Optional)

Medical Devices	References		Description
Illumena® Néo Heater Blanket	900430	223890	Not Compatible with ADAWS system

Disposables

Medical Devices	References		Volume	PSI	Qty/Box
Linden Luer Syringe with Handi-Fill Straw	900103*	223257	150 mL	1200	50
Syringe with Handi-Fill Straw	900105*	223253	200 mL	900	50
Braided high pressure extension line	FLEX120N	223489	120 cm	1200	25
Braided high pressure extension line with rotating adapter	FLEX120RAN	223475	120 cm	1200	25
High pressure line with rotating adapter	HP120RAN	223478	120 cm	1200	25
High pressure line with rotating adapter	601278	223611	25 cm	1200	25
High pressure line with rotating adapter	601279	223649	51 cm	1200	25
High pressure line with rotating adapter	601280	223652	76 cm	1200	25
High pressure line with rotating adapter	601281	223654	120 cm	1200	25

*LF injectors are specifically designed and tested with the approved disposable products.
Use of non-LF syringes may:
- Void the injector warranty
- Cause failure of the equipment
- May not deliver the intended protocol

www.guerbet.com

To find out more, please contact your local Guerbet representative, or contact LF@guerbet.com

Guerbet
Contrast for Life

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Illumena® Néo
MULTI-MODE CONTRAST DELIVERY SYSTEM

Designed for Power and Performance

PART OF THE TRUSTED ANGIOMAT® FAMILY

Contrast&Care
Availability by early 2019

Guerbet
COMMITTED

Trust in the simplicity and reliability of Illumena® Néo.
Designed to synchronise with most major imaging systems, the newest member for the **LF™ ANGIOMAT®** family has the functionality you need built on a reputation you can trust.

Simplicity

Easy to use
with one finger operation fill bar and fast operator learning curve

Functionality

The ideal solution for Cardio and Angio applications

High Visibility Touchscreen
Visible from any angle in any light

Easy to access protocols
Up to 45 protocols in each modality

Configure your screen to suit your needs

Multiple configurations
Pedestal, Ceiling & Table mount

Contrast&Care INJECTION MANAGEMENT SOLUTION
Collect, archive, review, analyse and share patient injection data, including contrast media data, adverse events, injector activity, eGFR information and other pre-examination alerts.
Connectivity with your HIS/RIS/PACS.

Availability by early 2019

Reliability

Part of the trusted LF™ ANGIOMAT® family
with OptiProtect™ service and support from Guerbet you can rely on

Flexibility

Fully loaded with features as standard including:

Perform single or multi-injection procedures

Select and switch operating modes with a single button

Hand and foot switches available

Safety

Air Detection Aid & Warning System (ADAWS)
identifies blood, empty syringes and air bolus

Simple syringe loading
Ensures enhanced workflow without compromising on safety

Quality

High Quality High Pressure syringes

- High pressure syringes and lines from LF are specifically designed and tested for LF injectors
- Crystal clear for easy air detection
- Fits perfectly into original LF syringe pressure jacket
- Reliable and simple Linden Luer connection