

**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**

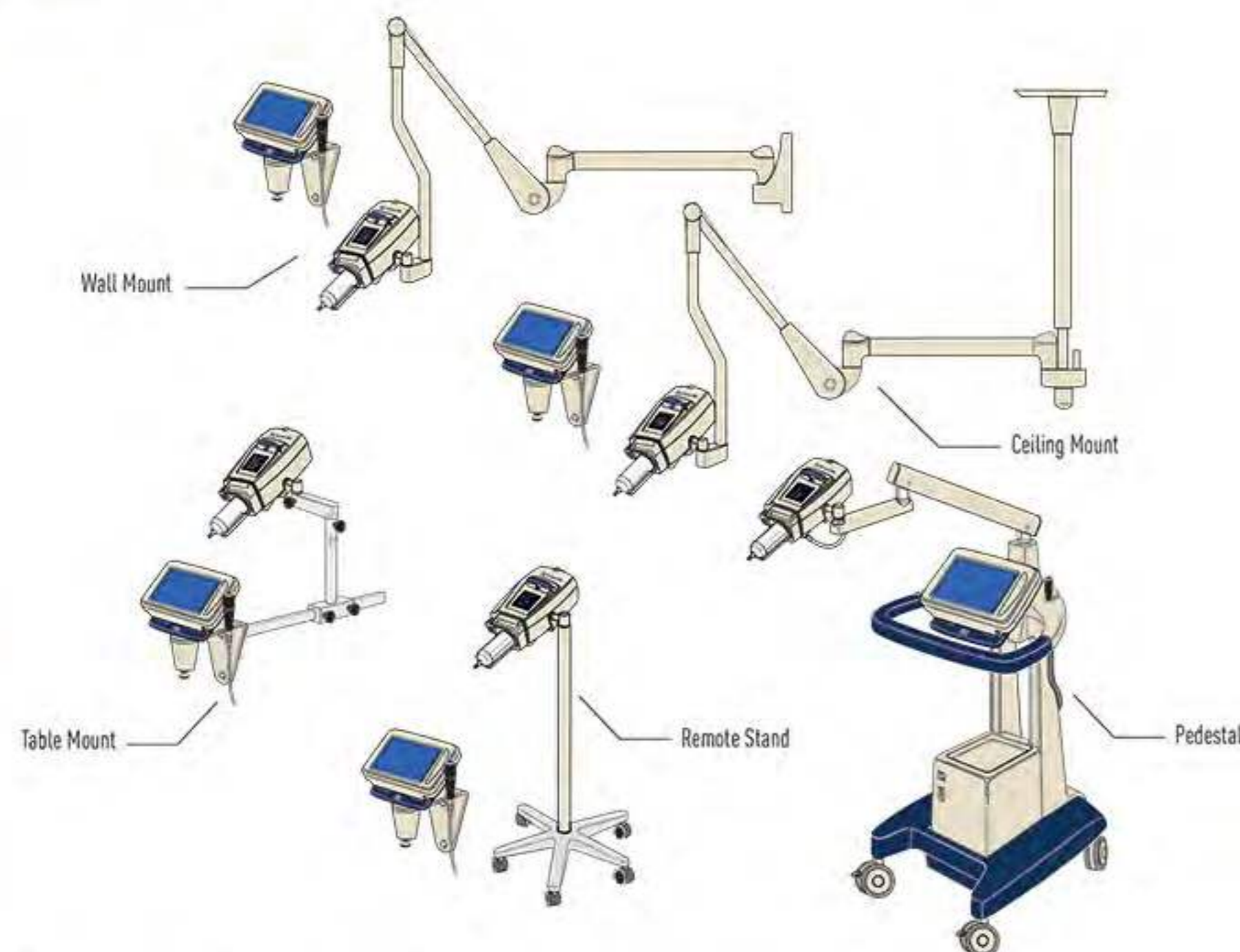
## Safety

- ⚡ **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



**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

**LF OptiProtect<sup>™</sup> SERVICE AND SUPPORT FROM GUERBET YOU CAN RELY ON**

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

The Illumena<sup>®</sup> 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<sup>®</sup> 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<sup>®</sup> & Illumena<sup>®</sup> disposables Notified Body: TÜV SÜD Product Service GmbH.

Manufacturer: Liebel-Flarsheim Company LLC, 2111 East Galbraith Road, Cincinnati, OH 45237, USA.

Contrast&Care<sup>®</sup>: medical device (Class I, CE) - Manufacturer: Medex, 240 Allée Jacques Monod, 69800 Saint-Priest, France.

LF<sup>™</sup>, Illumena<sup>®</sup>, Angiomat<sup>®</sup>, Contrast&Care<sup>®</sup> & OptiProtect<sup>™</sup> are trademarks of Guerbet. Patents pending and issued patents.

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Medical Devices	References	Picture	Description
Illumena <sup>®</sup> Néo – Contrast Delivery System with Rolling Pedestal	7261 209701		Contrast Delivery System with Rolling Pedestal
Illumena <sup>®</sup> Néo – Contrast Delivery System with Ceiling Suspension and Rack Mount	7272 223756		Contrast Delivery System with Ceiling Suspension and Rack Mount
Illumena <sup>®</sup> Néo – Contrast Delivery System with Table Mount	7267 223752		Contrast Delivery System with Table Mount
Contrast&Care <sup>®</sup>	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 <sup>®</sup> Néo – Faceplate: 125 mL (PFS)	900480 223896	Market Specific Prefilled Syringes
Illumena <sup>®</sup> Néo – Faceplate with ADAWS Air Detection System – 150 mL	900460 223934	900103 / 223257 150 mL LF Syringe*
Illumena <sup>®</sup> Néo – Faceplate 200 mL original LF syringe	900477 209828	900105 / 223253 200 mL LF Syringe*
Illumena <sup>®</sup> Néo – Faceplate 150 mL original LF Syringe	900490 223898	900103 / 223257 150 mL LF Syringe*

## Heater Blanket (Optional)

Medical Devices	References	Description
Illumena <sup>®</sup> Néo Heater Blanket	900430 223890	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](http://www.guerbet.com)

To find out more, please contact your local Guerbet representative, or contact [LF@guerbet.com](mailto:LF@guerbet.com)

**Guerbet**   
Contrast for Life



**Designed for Power and Performance**

PART OF THE TRUSTED  
ANGIOMAT<sup>®</sup> FAMILY

**Contrast&Care**  
Availability by early 2019

**Guerbet** **COMMITTED**