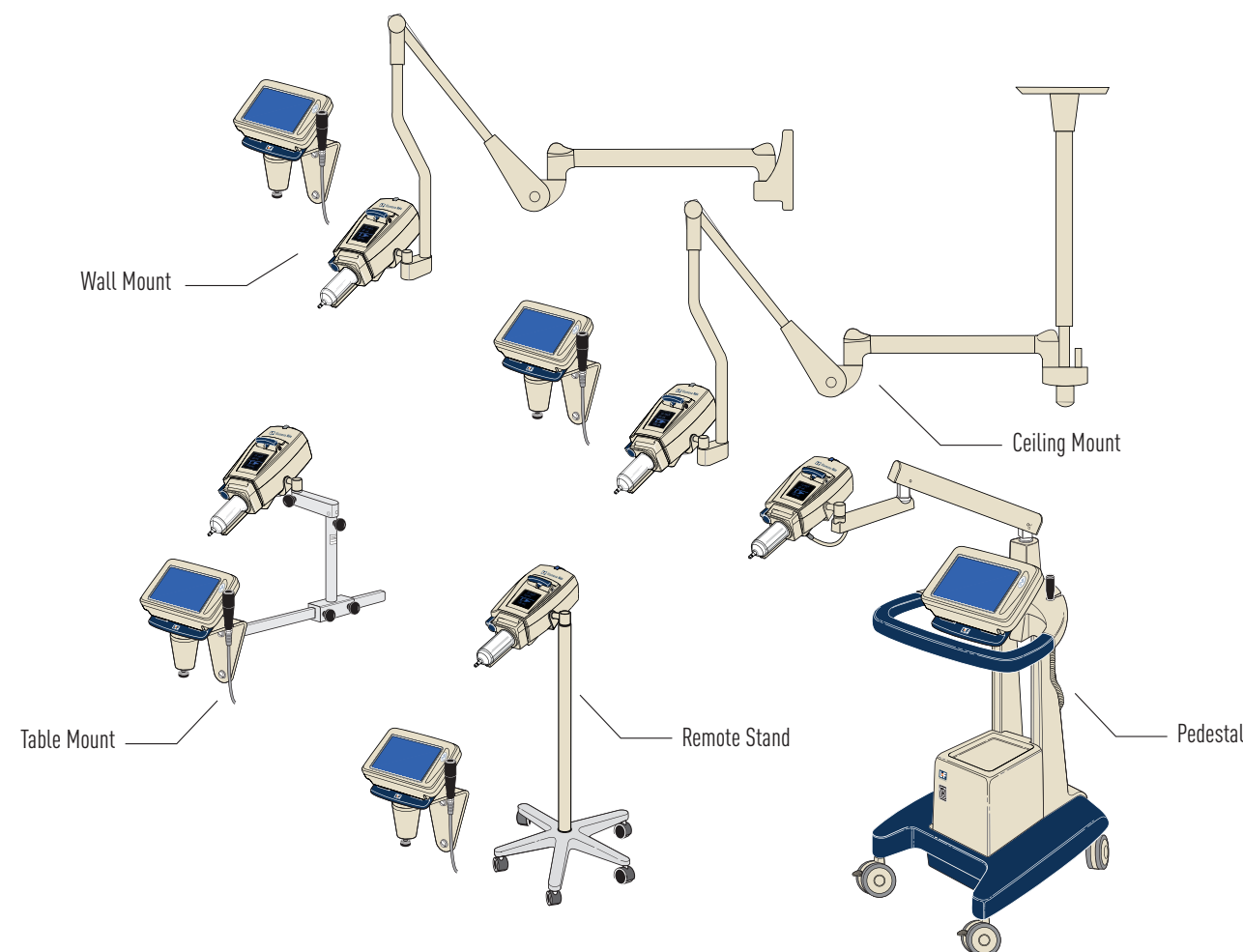




Illumena® Néo

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



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.

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

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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 | 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



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