# MERIVAARA

Product Catalog
GLOBAL

# At the Heart of the Hospital

Merivaara group is a leader in intuitive healthcare technology and industrial design, with surgery room solutions being a key focus and growth area.

The company was established in 1901, and with its metal beds, improved hospital hygiene significantly. Today, Merivaara's software, equipment and services improve patient safety and increase the quality and efficiency of surgery operations in leading international hospitals.

**MERIVAARA**

## Reliable examination lamp with classic design

### Merilux X1 LED

*500001 Ceiling mounted*
*500101 Wall mounted*
*485552 Mobile*

• 38 klux @ 1m
• On/off switch
• Ceiling, wall, mobile
• Sterilizable handle

## Slim minor surgical light with sterile controls

### MV-100

*4530.0000.06 Ceiling mounted*
*4520.0000.06 Wall mounted*
*4510.0000.06 Mobile*

• 120 klux @ 1 m
• In-direct light
• Dimming
• Sterilizable handle

MANUFACTURED BY *PHOTONIC OPTISCHE GERÄTE Gmbh & Co KG*

Health Technology with a Human Touch

# ᴹᴱ Q-FLOW™

*520210 Solo*
*520220 Duo 320*
*520222 Duo*
*520230 Trio*

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# Decreased microbial load at the operating area

**reddot** award 2017
winner

## FENNIAprize 17

**GRAND PRIX**

## Q-Flow 4

EFFICIENT SATELLITE LAMP
• 140 klux @ 1,0 m
• Excellent color rendering properties
• Deep column of light
• Touch screen control with several languages
• Recessed camera option

## Q-Flow 4i

ADVANCED SATELLITE LAMP
WITH UNIQUE FEATURES
Addition to 4 model 4i-model includes
• Dynamic Obstacle Compensation (DOC™)
• Intuitive Sterile Surgeons Controls (Intueri ™)

## Q-Flow 6

MAJOR SURGICAL LIGHT FOR DEMANDING SURGERIES
• 160 klux @ 1,0 m
• Proven compatibility with laminar air flow systems
• Excellent color rendering properties
• Touch screen control with several languages
• Recessed camera option

## Q-Flow 6i

ADVANCED MAJOR SURGICAL LIGHT
WITH UNIQUE FEATURES
Addition to 6 model 6i-model includes
• Dynamic Obstacle Compensation (DOC™)
• Intuitive Sterile Surgeons Controls (Intueri™)

## Wireless HD Camera Set

*5202823*

SUPERB HIGH-DEFINITION IMAGE QUALITY WITH OPTIMIZED ERGONOMICS
• Fully recessed camera unit with rotation possibility
• Centralized positioning, always focused to the surgical site
• Integrated control panel on the lamp head

## MeriMote

*5202691 Remote control unit with wall mounting kit*
MULTIFUNCTIONAL REMOTE FOR Q-FLOW SYSTEMS
• 2-way wireless control for all Q-Flow lamp heads
• Full in-light camera control
• Synchronized control of several lamp heads simultaneously

## Sterilizable Handle

*A43280901 Kit for Q-Flow Lamp Head (10 handles)*

Find more information about surgical light Q-Flow

Q-Flow Introduction

Dynamic Obstacle Compensation (DOC™)

Intuitive Sterile Surgeon Control (Intueri™)

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# For demanding workflow

**⊞⃝ PROMERIX™**

**⊞⃝ PRACTICO™**

## RAPIDO™

*100001860, 100001865*

Rapido is an all-in-one hydraulic day surgery table for preinduction, transport, operation and recovery. Its variety of features makes it the ideal solution for busy day surgery needs.

Rapido enables expedient operating room transfers in the day surgery ward which leads to more efficient use of operating room time crucial in efficient outpatient surgery.

## PRACTICO™

*145000*

### New, smarter Practico
Designed to improve ergonomics with the industry's widest range of posture possibilities. Powered by smart controls that help you work more fluently.

Three different models, with motorized leg sections as option. The new smarter Practico is the lowest mobile table in the market!

## PRACTICO MANUAL™

*100030010*

The hydraulic Practico is a versatile manually operated table model that enables a wide range of configurations for general and special surgery.

The table accommodates also larger patients, and offers excellent access to the operating area thanks to its design and adjustment options.

## PROMERIX™

*100060000*

### Grand Promerix
Powerful and smooth Grand Promerix is heavy-duty, yet versatile operating table for all kind of surgical procedures.

Improved ergonomic design improves the comfort of the whole surgical team. Comfort leads to concentration, confidence and better co-operation. That's efficiency.

Find more information on merivaara.com

MERIVAARA

**FLEXION™**

*100519450*

Grand Promerix with orthopedic extension device Flexion

Flexibility in orthopedic
surgery set-ups

## K-TEK™ Comfort 350 Stirrups

*100012806 K-TEK™ COMFORT 350 STIRRUPS*
*100012807 K-TEK™ Rail Clamp*
*10001208 K-TEK™ Stirrup Cart*
*100012811 K-TEK™ Stirrup Boot Pad Kit*

• For patient positioning for a wide range of
 gynecologic, urologic and laparoscopic
 procedures
• Increase surgeons' operating room
 performance by simple adjustments



Find more information from Accessories Catalog and merivaara.com

# ▥ OPENOR™

## Open architecture system for integrated operating room management.

Future-proof system in a compact design that integrates operating room devices, data and image management.

• Bespoke open architecture, based on cutomer's needs and budget
• Fluent and intuitive interface adapted to local language – anyone can use it!
• Enables real-time intercommunication and can be used as an effective teaching and conference tool
• Improves workflow, increases efficiency and saves costs

### OpenOR integrationsystem consist of
• Audio & Media Management:
  Cameras and monitors, Image transmission, Intercommunication,
  Auditorium Solution, Info display
• Data Management:
  Patiend Data Management, Data Storing PACS Integration,
  Information Sharing, Integrated Patient Worklist
• Environment Control:
  Medical Devices Control, Intelligent Air Quality Control,
  Safety Management, General Lighting Control

# MERICONNECT™ for ▥ OPENOR™

## Fluent image and video handling. At your hands.

All the relevant videos and images taken in the OR will be at your hands as soon as you leave the room. Access the data immediately after you are back at the office or connect by any computer in the hospital network. Reduce the time of making the reports.
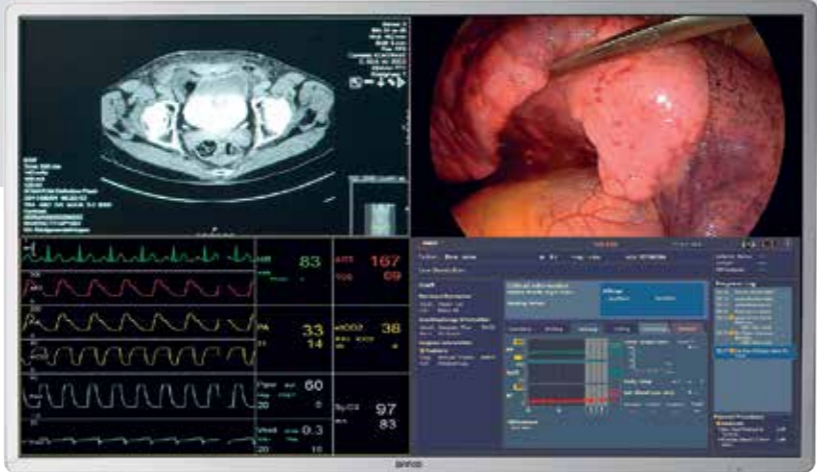
*Everything is ready, quick and at your hands.*

Mark the most important images, cut videos, add text or graphics, indicate areas on graphical atlas. Type the procedure results, pick a layout. *Done. Ready.*

Share it with your patients and engage them in the post-operational follow-up.

No more USB sticks. No more software installations. No need for highmaintenance PACS.

*Everything is ready. Only a few clicks away. At your hands.*

## " You choose – we synchronize

**▥ MERIVAARA**

Health Technology with a Human Touch

## FULL HD

| | | | |
|---|---|---|---|
| FS-E2101D | 21'' | Medical FHD 400cd/m² Monitor | FSN |
| FS-L3202D | 32'' | LED FHD Dual DVI/SDI In/Outputs 16:9 | FSN |
| FS-L2403D | 24'' | LED Medical Monitor, 16:10, 1920 × 1200, VESA 100 × 100, FSN Version | FSN |
| FS-P2404D | 24'' | LED Surgical Monitor, 16:10, 1920 × 1200, VESA 100 × 100 | FSN |
| FS-P2604D | 26 '' | LED Surgical Monitor 16:9, 1920 × 1080, with optical enhancement, VESA 100 × 100+ | FSN |
| FS-P2603D | 26'' | LED Surgical Monitor, 1920 × 1080, 16:9 with plastic housing | FSN |

## 3D

| | | | |
|---|---|---|---|
| FS-P2607D | 26'' | LED 3D Medical Monitor 1920 × 1080 | FSN |
| EX3220-3D | 31,5'' | A45000735 3D LCD FHD display | EIZO INC. |

## TOUCH

| | | | |
|---|---|---|---|
| A45000913 | 21'' | Full HD Touch Display Advan AMM215WTTP, Medical 215ETTWZE | BARCO |

## MULTITOUCH

| | | | |
|---|---|---|---|
| FS-L2702DT | 27'' | PCAP Multitouch Medical Monitor | FSN |
| FS-S4601DT | 46'' | PCAP Multitouch Medical Monitor | FSN |

## 4K / UHD

| | | | |
|---|---|---|---|
| FM-A2701D | 27'' | 4K, Optical Bonding | FSN |
| FM-A2701DS | 27'' | 4K, Optical Bonding, Quad 3GSDI | FSN |
| FM-B2702D | 27'' | 4K High Brightness Optical Bonding | FSN |
| FS-P3102DNB | 31'' | 4K, Non-Bonding, HDMI 2.0 × 1, DPp1.2 × 2, DVI × 1 inputs | FSN |
| FS-P3102DS | 31'' | 4K, 3GSDI × 4, HDMI 2.0 × 1, DPp1.2 × 2, DVI × 1 inputs | FSN |
| FS-P3102DG | 31'' | 4K, HDMI 2.0 × 1, DP1.2 × 2, DVI × 1, 12GSDI × 1, 3GSDI × 3 inputs | FSN |
| FM-E3203D | 32'' | UHD, OB, 700 cd/m², HDMI 2.0, DP1.2 × 2, DVI × 1 | FSN |

## 4K WALL

| | | | |
|---|---|---|---|
| FM-C5501DV | 55'', | 4K, NB, DVI DL, HDMI 2.0, DP1.2 (SST) | FSN |
| FM-D5801DV | 58'' | 4K, 2 × DVI DL, DVI SL, HDMI 2.0, DP1.2 (SST), DP1.2 (MST) | FSN |

## OpenOR OverIP Compatible Displays

| | | | |
|---|---|---|---|
| 215EFZEU | AMM215WTD | 21.5'' | HD surgical display with a 1920 × 1080. Flex. input connectivity incl. C/S-Video, RGBS, VGA, DVI-I, 3G-SDI |
| K9307948 | MDSC-2324 MNA | 24'' | HD surgical display with a 1920 × 1200. Nexxis Decoder build in |
| K9307952 | MDSC-2326 MNA | 26'' | HD surgical display with a 1920 × 1080. Nexxis Decoder build in - Incl SDI input |
| K9307928 | MDSC-2326 MNAH | 26'' | High-Bright Full HD surgical display 1920 × 1080. Brightness: 900 cd/m² with 1400:1 contrast. Connectivity: C/S-Video, RGBS, VGA, 2 × DVI-I, DP, 2x 3G-SDI & RS232. Integrated Nexxis MNA-120 Decoder. Features scratch-resistant front-glass |
| K9307919 | MDSC-2232 MNA SX | 32'' | HD surgical display with a 1920 × 1080. Nexxis Decoder build in - Incl SDI input |
| K9307915 | MDSC-2242 MNA | 42'' | HD surgical display with a 1920 × 1080. Nexxis Decoder build in |
| K9307927 | MDSC-8231 MNA | 32'' | 4K surgical display with a 4096 × 2160. Nexxis Decoder build in - Incl SDI, DVI-D, DP. |
| K9307931 | MDSC-8255 MNA | 55'' | Ultra-High Definition Surgical display with 4K, 3840 × 2160. Brightness: 500 cd/m² with 1100:1 contrast. Connectivity : 1x DP1.2 MST, 2 × DP 1.1, 1x DVI-D, 1x 3GSDI. Integrated Nexxis 4K IP Decoder. Features scratch-resistant front-glass |
| K9307932 | MDSC-8255 MNA NG | 55'' | Ultra-High Definition Surgical display with 4K, 3840 × 2160. Brightness: 500 cd/m² with 1100:1 contrast. Connectivity: 1x DP1.2 MST, 2 × DP 1.1, 1x DVI-D, 1x 3GSDI. No front protection screen. |
| K9307938 | MDSC-8358 MNA | 58'' | 4K surgical display with a 8MP -UHD native resolution. Nexxis decoder build in. No front cover. |
| K9307941 | MDSC-8358 MNA G | 58'' | 4K surgical display with a 8MP -UHD native resolution. Nexxis decoder build in and glass front cover. |

*MANUFACTURED BY BARCO*

## MONITOR ARMS

| | | |
|---|---|---|
| 520210 | SOLO MONITOR, 24'' with balance arm AC2000 with stop for monitor 12–18 kg | |
| 520210 | SOLO MONITOR, 32'' with balance arm AC3000 with stop for monitor 17–26 kg | |
| 520222 | DUO 2x MONITOR 32'' with balance arms AC3000 with stops for monitors 17–26 kg | |

*Merivaara can offer customized monitor arms. For other alternatives contact your local sales representative.*
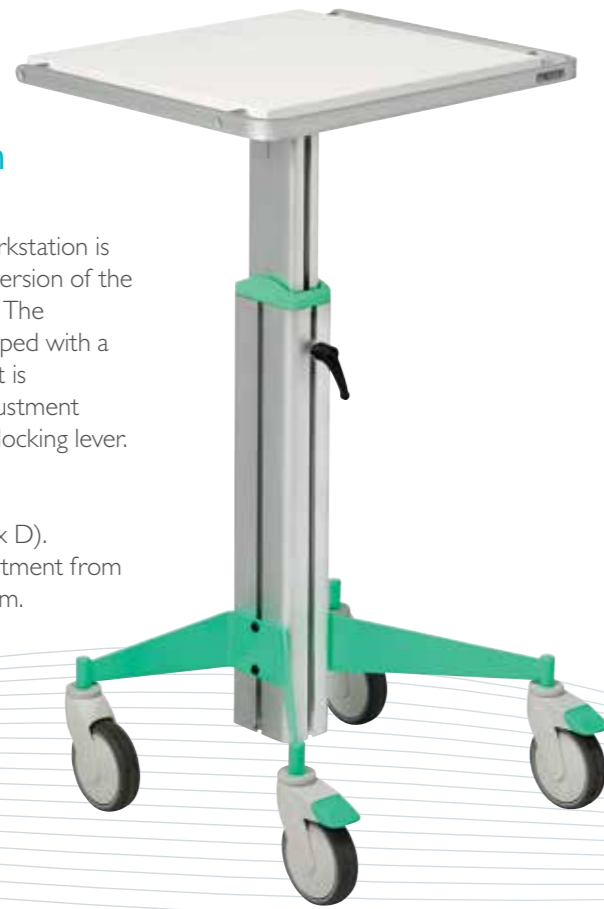
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## Light Mobile Workstation

*MLC405L*

The light mobile workstation is a more lightweight version of the mobile workstation. The workstation is equipped with a work surface. Height is adjusted with an adjustment screw, secured by a locking lever.

External dimensions 575 x 540 mm (W x D). Stepless height adjustment from 750 mm to 1,150 mm.

## Mobile Workstation

*MLC405*

*This mobile workstation is suitable for use with a laptop computer. The mobile workstation is equipped with a gas spring, which enables stepless height adjustment. External dimensions 590 x 540 mm (W x D). Stepless height adjustment from 800 mm to 1,200 mm. The work surface is surrounded by a Euro rail that also functions as a handle.*

## Instrument Trolley 609

*100000609*

• Lenght 600 mm, height 750 mm

## Instrument Trolley 611

*100000611*

• Lenght 600 mm, height 750 mm
• Includes accessory box

## Anaesthetic Trolley 650

*100000650*

• Dimensions: 785 x 540 x 850 mm

## Mobile Workstation

*MLC405POW*

*This mobile workstation can be used either with a laptop computer or Medical PC. The work surface and laptop enclosure are similar to those of the mobile workstation MLC405.*

*The mobile workstation is equipped with a gas spring, which enables stepless height adjustment.*

*External dimensions 590 x 675 mm (W x D). Stepless height adjustment from 800 mm to 1,200 mm. The work surface is surrounded by a Euro rail that also functions as a handle. A separate enclosure for the battery.*

## Instrument Table Mayo

| | |
|---|---|
| 130021 | Tray size 600 mm x 400 mm |
| 130024 | Tray size 700 mm x 500 mm |
| 130027 | Tray size 850 mm x 600 mm |

• Hydraulic height adjustment 950–1335 mm

## Maintenance Trolley 285

*100000285*

• Lenght 800 mm, height 900 mm

Read more about accessories merivaara.com

**MERIVAARA**

Health Technology with a Human Touch

# MERIVAARA

## Health Technology with a Human Touch

**MERIVAARA CORP.**

Lahti, Finland, Tel. +358 3 3394 611,
merivaara@merivaara.com www.merivaara.com

**MERIVAARA WORLDWIDE**

Merivaara's headquarters, with R&D, production, sales, marketing and after-sales service functions, are located in Lahti, Finland. Merivaara has subsidiaries in Norway (Merivaara A/S) and Sweden (Merivaara AB), and a sales organisation in Russia. Additionally, Merivaara's products are sold in more than 120 countries by a network of distributors.

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