



Sewing & Embroidery

Luminaire Innov-is XP1

An Enlightened Sewing, Embroidery and Quilting Experience That is Light Years Ahead

With technology that borders on magic, the arrival of the Luminaire Innov-is XP1 redefines excellence in the sewing and embroidery world. Featuring state-of-the-art StitchVision Technology, the Luminaire brilliantly empowers your creativity through the innovative use of beaming light. Experience true luxury with our largest workspace and largest embroidery area ever offered, coupled with a revolutionary collection of capabilities to help you achieve perfection in every stitch.

Revolutionary StitchVision Technology

- Clearly preview stitches and embroidery designs directly on your fabric with this intelligent projection system. This widely utilized projection technology grants you the capability to preview, audition and edit your designs and stitches in a 5" x 3" virtual preview area.

Guideline and grid markers

- Use the StitchVision Technology to project a guideline marker line and a guideline marker grid on your fabric, offering you the option of single, double, angled, or grid lines to light your path with precision. This technology projects a full grid of bright and adjustable guidelines for use when creating multiple rows of stitches, parallel stitching, pin tucks, hems, curtain rod pockets, decorative stitches, cross hatch quilting, or smocking.

Large 10 5/8" x 16" embroidery area

- Largest and most advanced embroidery frame that Brother has ever offered. Create larger-than-life embroidery with ease. Frame includes rubber plates on both sides for a superior grip on fabric, while an ergonomic spring lever release enables easier, clamp-free hooping. Additional frames include 4" x 4", 5" x 7" and 9.5" x 9.5" sizes.

65 square inches of workspace - 13.1" needle to arm

- Handle virtually any project with ease on 65 square inches of workspace. A generous needle to arm distance of 13.1" is our largest ever, providing the capability to fully accommodate a rolled king-sized quilt!

Built-in embroidery pointer

- Displaying a 'T' mark in three different colors, the pointer can show the center of your embroidery design as well as the needle drop position on the fabric.

Large 10.1" built-in high-definition LCD display with capacitive technology

- View your creations in crisp, vivid color and navigate easily with the scrolling menu and large, intuitive icons. 16.7+ million possible colors and an adjustment feature that allows you to change the brightness of the screen. The intuitive touch screen works like a tablet with familiar sliding, swiping, scrolling, and pinch-to-zoom for viewing detailed steps, categories, and designs.

One action needle plate

- Allows for needle plate changes without the use of a screwdriver, saving you time and effort for a seamless sewing experience.

Echo quilting

- Surround any embroidery with beautiful echo stitches. The echo designs follow the contour of the original embroidery and expand outwards, with adjustable spacing to help you customize your designs down to the last detail.

Expandable library of built-in tutorials

- View over 30 enhanced tutorial videos directly on the high-definition LCD display (version 1.2) - with everything from basic operations to embroidery functions. The included HD tutorials make learning easy!



Basic Features

| | |
|--|---|
| LCD Display Size (Diagonal), | |
| LCD Size (Horizontal x Vertical) Inches | 10.1" Capacitive (5.3 x 8.5) |
| Display (Number of Colors) | Up to 16,777,216 |
| Stitch Select | Slide Scrolling, Pinch In/Out |
| On-Screen Help | • |
| One Action Needle Plate | • |
| Projector | • |
| (Display Size/Brightness/Resolution/Type) | 5" x 3" / 40 lm / WVGA / TI DLP® Technology |
| Built-in Languages | 12 Languages |
| On-Screen Editing | • |
| Instructional Manual PDF Viewer | • |
| Number of LED Lights | 8 |
| Lighting | 13" Surround LED Lighting |
| Thread Tension | Automatic |
| Needle Threading System | Automatic |
| Easy Bobbin Winding | • |
| Adjustable Bobbin Winding Speed | 5 Levels |
| Thread Sensor | Upper and Bobbin |
| Automatic Thread Cutter | • |
| Quick-Set Bobbin | • |
| Full USB | 2 |
| Computer Connectivity with Update Capability | • |
| Mouse Capability by USB | Optional |
| Media Type | USB and SD Card |

Embroidery Features

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|--|--|
| Maximum Embroidery Area (X x Y) | 10 5/8" x 16" |
| Maximum Embroidery Speed (Stitches Per Minute) | 1,050 |
| Standard Included Frames | 4 (10 5/8" x 16", 9.5" x 9.5", 5" x 7", 4" x 4") |
| Built-in Brother Embroidery Designs | 1,157 |
| Built-in Embroidery Designs Featuring Disney/Disney•Pixar Characters | 192 |
| Built-in Frame Designs | 10 Shapes x 14 Stitch Patterns |
| Built-in Embroidery Lettering Fonts | 24 |
| InnovEye Technology | Enhanced |
| Resume Function | • |
| Trial Position/Layout Function | • |
| Built-in Border Function and Designs | • |
| Color Sort Feature | • |
| Sewing with Embroidery Unit Attached | • |
| Appliqué Creator Function | • |
| Automatic Feed Thread Cutting | • |
| Curving Text on Screen Editing | • |
| On-Screen Letter Editing | Enhanced |
| Advanced Multiple Pattern Selection | • |
| Space Reduction Among Embroidery Alphabets | • |
| Pattern Rotating | 0.1, 1, 10, or 90 Degrees |
| Drag and Drop Editing | • |
| On-Screen Automatic Density Adjustment | • |
| My Design Center Feature | Enhanced |
| Echo Quilting Around Motif | • |
| Projector LED Embroidery Pointer | • (‘T’ mark, 3 Color Choices) |
| Basting Stitch Before Embroidery | • |
| Forward Backward Stitch | 1, 10, 100, 1,000 and Progress Bar |

Sewing & Quilting Features

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|---|-----------------------------|
| Bed Area (Depth x Width) Inches | 8.0 x 18.8 |
| Work Space (Height x Width) Inches | 5 x 13.1 |
| Maximum Sewing Speed (Stitches Per Minute) | 1,050 |
| Knee Lifter | • |
| Feed Dog | 7 |
| Back to Beginning Key | • |
| Standard Presser Feet | 14 |
| Built-in Sewing Stitches (Includes Buttonhole Styles) | 821 |
| Buttonhole Styles | 15 One-Step and 1 Four-Step |
| Built-in Sewing Lettering Fonts | 4 |
| Stitch Width | 7mm |
| Stitch Length | 5mm |
| Reinforcement Stitch | • |
| Dual Purpose Stylus for | • |
| Stitch Width/Length/L/R Shift Setting | • |
| Projected Angled Line Marker | • |
| Projected Gridline Marker | • |
| Projected Guideline Marker | • (Single or Double) |
| Straight Stitch Needle Plate | • |
| MuVit Digital Dual Feed | • |
| My Custom Stitch Feature | • |
| Side Feeding | • |
| Start/Stop Button | • |
| Twin Needle Setting Key | • |
| Needle Position Key (Up/Down) | • |
| Automatic Height Adjuster (AHA) Feature | • |
| Presser Foot Pressure Adjustment and Leveling | • |
| Pivot Function | • |
| Drop Feed/Free-Motion | • |
| Built-in Quilting Stitches | • |
| Included Quilting Feet | • |
| Included Wide Table | Optional |

KEY: • Feature Included

LUMINAIRE INNOV-ÍS XP1

Included Accessories

- 4 Embroidery Frame Sets
- Embroidery Foot
- Zigzag Foot
- Monogramming Foot
- Overcasting Foot
- Zipper Foot
- Camera Detecting Buttonhole Foot
- Blind Stitch Foot
- Button Fitting Foot
- Dual Feed (Digital Dual Feed) Foot
- Straight Stitch Foot
- Free-Motion Quilting Foot
- Free-Motion Echo Quilting Foot
- Free-Motion Open Toe Quilting Foot
- 1/4 Inch Quilting Foot (Piecing Foot)
- Straight Stitch Needle Plate
- Large Accessory Case
- Dual King Spool Thread Stand
- Adjustable Presser Foot Knee Lever
- Grid Sheet Set
- ScanMat™ Scanning Frame
- Embroidery Needle Plate Cover
- Dual Purpose Stylus
- Additional Accessories Included in Box

Recommended Optional Accessories*

- PE-DESIGN 11 and PE-DESIGN 11 Upgrade (SAVRPED11)
- Disney Classic Embroidery Thread Kit (ETPDISCL24)
- Luminaire Innov-ís XP1 Rolling Bag Set (SASEBXP1)
- Wide Extension Table (SAWTXP1)
- Pacesetter Large Project Medium Weight Tear-Away Stabilizer Roll 20" x 10yd. (SA5820)
- Additional Optional Accessories Available for Purchase
- For Additional Embroidery Designs, visit www.iBroidery.com

Machine Specifications

UPC: 012502651154

Weight: 43.21 lbs.

Footprint: 27.16" L 12.67" W 13.74" H



For more information, visit www.brothersews.com or call 1-800-4-A-BROTHER

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*Additional purchase required. All specifications subject to change without prior notice.