VIDAR’s DiagnosticPRO Advantage has raised the bar by achieving better overall performance — reliability, image quality, consistency, and productivity — than any other digitizer on the market. With its high-resolution capabilities (44.5 microns), it provides the ability to digitize mammography films, and offers larger spot size options for digitizing general radiographic, CT, MR, ultrasound, and nuclear medicine films.

*The DiagnosticPRO Advantage with ClinicalExpress or other DICOM standard software meet or exceed ACR and DICOM standards for use of secondary capture images for consultation, review and final interpretation. Images captured as DICOM MG are to be used as reference or comparison only, and not for primary diagnosis.

**DiagnosticPRO Advantage Features & Benefits**

- Digitizes up to 25 mixed-sized films in batch mode, allowing more productivity and greater efficiency.
- Ideal for Dual use – general radiography or mammography.
- Clinically proven image quality and consistency.
- Exceeds the American College of Radiology Teleradiology Practice Guidelines.
- Offers the only 32-bit data path in the industry to maximize grayscale accuracy and performance.
## Specifications

**Clinical Optical Density Range**
-0.05 to 4.0

**Bit Depth**
32-bit mapped to 12-bit (4096) and 8-bit (256) grayscale output

**MTBF**
>50,000 hours

**Film Sizes**
- Width: 7" to 14" (18 cm to 35.6 cm)
- Length: 8" to 17" (20 cm to 43 cm)
- Single film mode: a min. length of 6" (15 cm), max. length of 51" (129.5 cm) can be accommodated in single film mode only with maximum resolution of 300 DPI

**Auto Film Feeder**
Standard 25-film capacity (mixed sized – no presorting necessary)

**Translation Tables**
- Linear OD

**Geometric Accuracy**
Better than 1% or 2 pixels, whichever is greater, in both axes

**Scan Rate**
200 lines/second

**Hardware Interface**
USB 2.0

**Software**
Windows® scanning modules and software development tools available

**Power Requirements**
- Voltage: 85~264 Vac
- Frequency: 47~63 Hz
- Power: ≤100 Watts

**Operating Environment**
- 50º to 95º F (10º to 35º C), 20% to 85% relative humidity, non-condensing

**Storage Environment**
- 0º to 140º F (-18º to 60º C), 20% to 85% relative humidity, non-condensing

**Illuminator**
LED Illuminator; >500,000 scans

**Detector**
Solid-state, next-generation High Definition CCD (HD-CCD®)

**Dimensions**
- With Feeder & Exit Tray: 19" W x 23" D x 29.25" H (483mm x 584mm x 743 mm)
- Without Feeder & Exit Tray: 19" W x 14.25 D" x 16.5" H (483mm x 362mm x 419mm)
- Shipping: 24" W x 29" L x 24" H (610mm x 737mm x 610mm)

**Weight**
- 45 lbs. (21kg); shipping weight: 60 lbs. (27 kg)

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*Specifications are subject to change without notice*

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