

# Ultra 12040HF Digital Portable X-ray Unit

## **“DR Ready”**

Introducing the **NEW** Advanced featured “**ULTRA 12040HF**”, the most powerful, 120kV ultralight, high frequency, compact sized portable, designed specifically for small and large animals in the field or the office.



**Only  
25 lbs!**

The New DIS Ultra-Stand positioning aid with versatile, convenient & compact design, provides quick easy mobilization in the field or at your facility. With the new Ultra-Stand there's no need to hand hold your x-ray unit. This helps to eliminate scatter radiation exposure and reduces motion for better film detail.



Available with Inverted control panel for table use.

The first integrated mobile veterinary examination table allowing use of any portable x-ray unit. Provides x-ray capabilities in exam room, and can be wheeled directly into surgery, with ease and accurate positioning. Less patient movement helps ensure consistent, quality results.



# Ultra 12040HF Digital Portable X-ray Unit

"ULTRA 12040HF" is the most compact sized, lightest, highest powered, 120kV ultra light, highly efficient portable designed especially for the VETERINARY practitioner. It features 40-120kV, in 1kV increments and with its ripple-free HFG system, you can shoot up to 120kV, 40mA with full logic control operation. It also provides high resolution imaging at lower dosages.

**Ultra Lite:** Only 25 lbs!

**Ultra Fast:** Routine radiographs in less than .05 seconds.

**Ultra Powerful:** 120kV/40mA

**Ultra Detail:** 1kV steps, 100mAs / 40-120kV

**Ultra Accurate:** Two stage dynamic, automatic line compensation.

**Ultra High Frequency:** 2 times the power as other 120 kVp units.

**Ultra Programmable:** Technique memory settings.

**Ultra Easy:** Soft Touch Controls with Digital displays

**Ultra Collimator:** Calibrated cassette size indicator dials.

**Ultra Compact Size:** 13"L x 9.5"W x 8"H.

Carrying Case



Available with Inverted control panel for table use.

## SPECIFICATIONS:

**Weight Class:** Ultra Light Weight

**Weight in Pounds:** 25 lbs

**Cabinet Design:** One Piece with external collimator

**Output Power in KW:** 2.8 KW

**Generator:** High Frequency, 70kHz inverter type

**Digital Display and Technique Selection:** Kv, mAs, time

**kVp minimum to maximum with step selection:** 40-120kV, 1 kV step

**mAs minimum to maximum with 25 step selection:** 0.4 to 100mAs

**Time minimum to maximum:** 0.011 to 8 seconds

**mA Maximum:** 40 mA based on kVp selected

**Collimator:** Cassette size indicator dials, lamp timer on during prep., off after exposure

**Laser Pointer:** Dual Integrated Laser Pointers

**Line Power Supply Compensation:** Dynamic two stage, automatic line voltage and current

**Line Power Supply Requirements:** 120 Volts

**X-Ray Tube Manufacturer:** Toshiba Model D-125

**Focal Spot:** 1.2mm

**Cooling Speed:** 350HU/sec.

**X-Ray Beam Aluminum Filtration in mm:** 1mm Al equivalent @ 90kV

**Exposure Switch Two Stage Prep. Exposure:** Hand Switch (Optional Foot Switch)

**Exposure Cord length in feet:** 12 ft.

**Tape Measure:** Heavy Duty

**Heating Unit:** 50,000HU

**Target Angle:** 16°

**Power Cord length in feet:** 20 ft.

**Carry Case Size:** 12"H x 13"W x 17"L

Complete with Carrying Case, H.D. Tape Measure, Manual, and Technique Charts.

## Top ten reasons to purchase a Ultra- Orange portable x-ray unit

- 1). Automatic line current plus Line Voltage compensation, No underexposed x-rays
- 2). Hot swap warranty, Never down
- 3). 12040HF = 120kV /40mA, Highest power output of portable x-ray units available
- 4). Calibrated collimator cassette size indicators with dual laser pointers, No need to use light field for correct cassette to x-ray field size and proper distance indication
- 5). Bubble tilt angle indicators on both size of unit, Sky line views are a snap when you know the correct angle
- 6). Weights of the 12040kV = 25 pounds, Lightest weight line of portable x-ray units
- 7). 2 year no fault labor service warranties with 3 year optional available. No matter the cause, your unit is repaired with warranty coverage covered for up to 3 years.
- 8). Ready for any digital imager application
- 9). Reversible face panel for the 12040HF unit providing use on our versa view table. Small animal use is much easier with the correct vertical representation with the reversible display and reversible operator face panel.
- 10). Vertically integrated accessory products

