

Improve the diagnostic imaging capability of your practice

# Nova

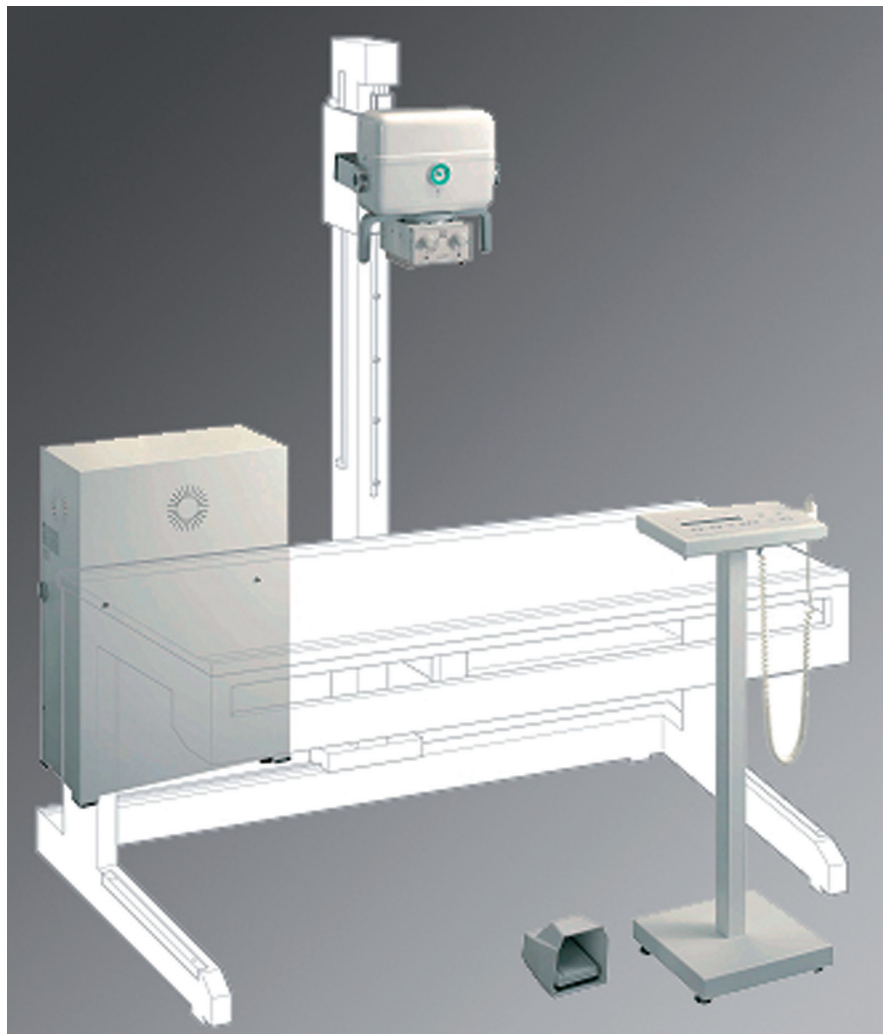
HF X-ray static and mobile generators

**The NOVA configurations give you flexibility to choose the configuration that is tailor made to meet the radiography needs of your practice**

The Nova range of HF X-ray generators is the most popular range of static and mobile generators in veterinary practice in the UK, offering major advances in performance, at an affordable price. The units are fully compatible with digital CR and DR systems, and are used in universities, referral centres and general practices throughout the UK.

The 6kW and 30kW units have been built with the latest 3rd generation HF technology, giving unparalleled performance and precision, yet can be operated from a domestic power supply.

The units can be supplied in static configurations or as mobile units offering the greatest flexibility to your practice.



## Specifications

### Nova 6 kW

- kVp range: 40 – 120 kVp (1 kVp steps)
- mAs range: 0.5 – 320 mAs (27 steps)
- Maximum current: 150 mA (high frequency)
- Tube: rotating anode
- Focal spot size: 0.6, 1.3 mm
- Power: 6 kW
- Thermal capacity: 500 kh
- APR library

### Nova 30 kW

- kVp range: 40 – 120 kVp (1 kVp steps)
- mAs range: 0.5 – 200 mAs (25 steps)
- Maximum current: 425 mA (high frequency)
- Tube: rotating anode
- Focal spot size: 0.6, 1.3 mm
- Power: 30 kW
- Thermal capacity: 500 kh
- APR library

Digital solutions from **Celtic SMR Ltd.** 0800 279 9050

Static options include:-

# Tilting Table

get the most out of your DR or CR system -  
with Myelography applications



Tilting table with bucky. The only tilting table configuration specifically built for veterinary radiography enabling you to maintain the primary beam at a 90 degree angle to the plate whilst taking myelography images. This table is fully compatible with digital DR and CR systems, which can be retro fitted by our engineers if required.

The table top is fully floating in four directions with a cassette tray mounted below the table top, directly below the fixed tube column, ensuring the x-ray tube is always centred directly above the cassette, giving a high degree of precision and safety for general radiography.

A full potter bucky grid can be provided as an optional extra if required.

## Benefits

- Tilting table (30 degrees) for veterinary myelography
- Fully DR and CR compatible – retro fit if required.
- Table top brake for ease of positioning
- Floating top four way table
- Electronic lift
- Generator always centred on cassette
- Potter bucky and grid available as an optional extra
- To suit all Nova units

# VR Table plus

The table is suitable for a wide range of small animal radiographic procedures, and is fully compatible with digital CR and DR applications.

The table top is fully floating in four directions, with a cassette tray mounted below the tabletop, directly below the fixed tube column, ensuring the tube is always centred directly above the cassette, giving a high degree of precision and safety.

A full potter bucky grid can be provided as an optional extra.

The VR table is built for the Nova range of high-frequency generators.

## Benefits

- Floating top, four-way table
- Fully DR and CR compatible
- Table top brake for positioning
- X-ray tube always centred on cassette.
- Potter bucky and grid available as an optional extra
- To suit all Nova units
- Optional FFD





# VR Table plus

## with sliding column

The VR table plus (sliding column) has all the benefits that the VR table plus brings to general radiography with the additional features of a sliding column and rotating base.

### Benefits

- Sliding Floor column allows full table coverage
- Off table exposures ie on a trolley
- Upright lateral exposures
- Variable film : focal distances
- Rotating base

## Ceiling Suspension

A ceiling support system for both the Static and portable X-ray units providing horizontal and lateral movements. Ideal for small compact X-ray rooms where space is limited. Each ceiling support system is manufactured to suit customer's requirements.

## Wall Arms

### heavy weight wall arm

The heavy weight wall arm is suitable for the Nova high frequency units. It has a fixed film focal distance of 100cms. The wall arm pivots in two places and has a coverage of 180 degrees.

### Benefits

- Wall attachment
- Ideal in situations where space is limited
- Suitable for small animal radiography

## Nova Mobile



NOVA mobile range of high frequency units are compact, lightweight but powerful enough to fulfill all that is required of a mobile system. The Nova mobiles are designed around an unpowered lightweight chassis with 3 wheels. This makes the unit very mobile. The single front wheel is attached to a long outrigger, for stability and ready access over X-ray tables. The X-ray generator/tube assembly is mounted on an easily positioned and counterbalanced cantilever suspension.

A simply presented, wash down, touch membrane control desk provides the user interface. A large LCD displays kV, mAs, post reading of actual exposure time and selection from the 40 user programmable APR library.

## Nova Compact



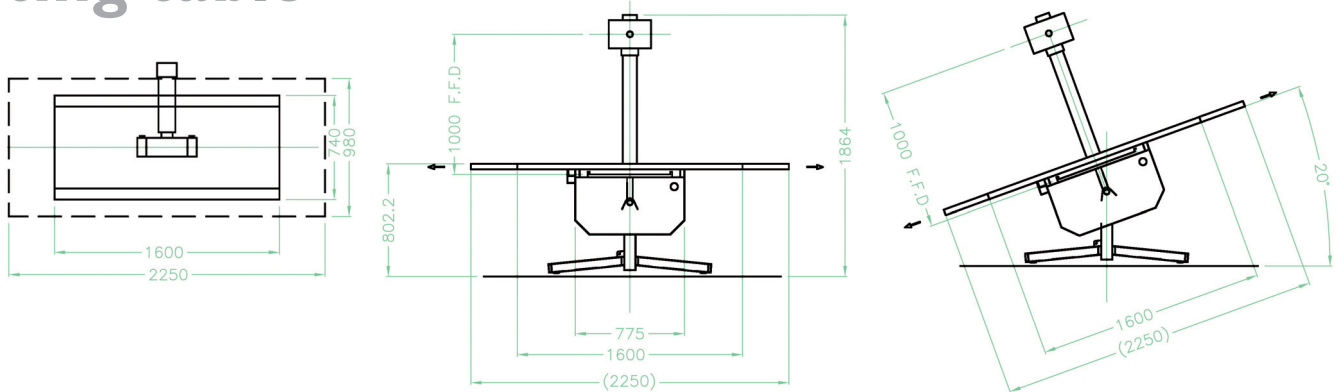
The Compact offers all the performance of the Nova mobile but with the option to rotate the X-ray tube support through 180 degrees. This type of chassis is designed to work with X-ray tables with solid bases or no lower entrance space. With sideways rotation of the X-ray tube support, the Compact can be parked to the rear of the X-ray table and positioned easily.

The X-ray generator/tube assembly is mounted on an easily positioned and counterbalanced cantilever suspension, equipped with a powerful Light Beam Diaphragm. These highly specified mobiles are all equipped with generators designed around state of the art inverter technology, with a microprocessor providing sophisticated control and protection.

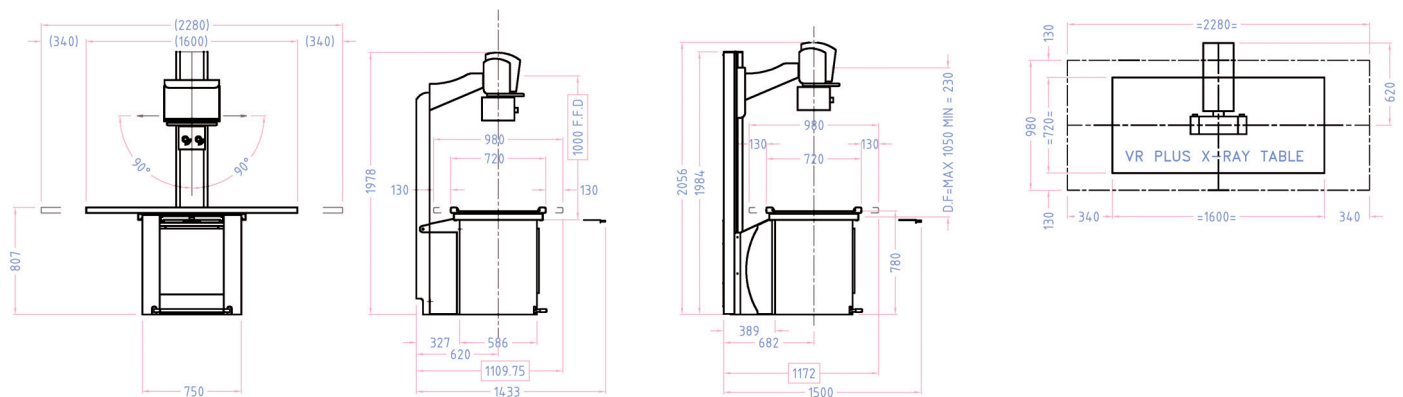
A simply presented, wash down, touch membrane control desk provides the user interface. A large LCD displays kV, mAs, post reading of actual exposure time and selection from the 40 user programmable APR library.

# Dimensions

## Tilting table



## VR table plus



## VR Table plus Sliding Column

