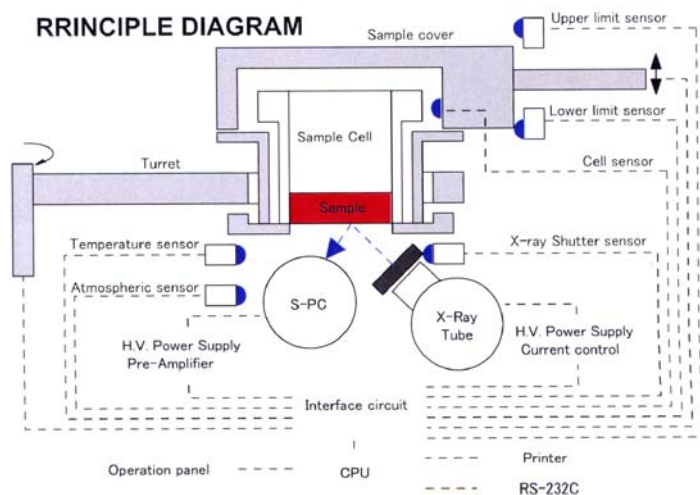




## X-ray Sulfur Meter *RX-360*

Made by: Newly Corporation, Japan  
Supplied by: Xebex International, Ltd., Japan

**For quality control of petroleum products !**  
**For process management of petroleum refining !**  
**For sulfur density control of fuel oils !**  
**For blending control of raw oils !**



### <Main Features>

- High precision X-ray fluorescence analyzer using a compact X-ray tube
- Prompt analysis of sulfur content in oils by nondestructive test
- Wide range of measurement from 30ppm to 6wt%
- Conforming to the ASTM D4294 standard
- All-in-one unit with a display, operation keys and a built-in printer
- Compact, light-weight (12kg) and portable
- Power supply from AC adapter or from DC +12V car battery
- Very simple operation panel
- Cell for sample is made of PTFE, which is usable repeatedly.
- Mylar film only is consumable.

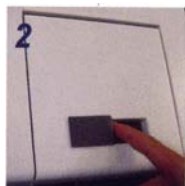
### <Very Simple Operation>

- 1) Put a cell with sample you prepared on a measuring position.
- 2) Close a cover of a measuring compartment.
- 3) Press a START key, and measurement starts.
- 4) Measurement results can be displayed, printed out and output through an RS-232C port.
- 5) Using a standard reagent, either of multi point calibration or one or two point simplified calibration is available.
- 6) This is a 12kg light-weight portable unit, which can be used even outdoor making use of DC +12V car battery. You can enjoy even outdoor the same level of performance as that in your laboratory.

### Simple Operation



Set a cell with sample.



Close and lock a cover.



Press a START key.

## SPECIFICATIONS

- Measuring principle : Energy-dispersive X-ray fluorescence method
- Testing standard : ASTM D4294, ISO 8754, JIS K2541 B7995
- Measuring samples : Kerosine, Naphtha, Gas oil, Crude oil and Heavy oil, etc.
- Measuring range : 0.003 to 6.00 wt%
- Sample volume : Approx. 3 to 5mL
- Measuring accuracy :

Range (Sulfur wt%)	Repeatability (Std.dev.)	Reproducibility	Measuring time
0.003 to 0.015 wt%	5 ppm	±10 ppm (100sec. 3 times)	300 sec., 3 times
0.016 to 0.050 wt%	10 ppm	±10 ppm	100 sec., 3 times
0.051 to 0.500 wt%	20 ppm	±40 ppm	
0.501 to 1.500 wt%	30 ppm	±60 ppm	
1.501 to 2,000 wt%	50 ppm	±80 ppm	
2.001 to 4.000 wt%	100 ppm	±200 ppm	
4.001 to 6.000 wt%	200 ppm	±300 ppm	

<Conditions> C/H ratio: 5 to 10m, Sample temperature: Lower than 55°C,  
Room temperature: 10 to 30°C (less than 10°C drift within a day)

- C/H ratio correction : 0.003 wt%/1C/H, with sample containing 1 wt%
- Automatic calibration : Automatic 1-point or 2-point calibration, or Automatic multiple point (up to 10 point) calibration
- Sample changer : Nil
- External interface : RS-232C (1 port)
- Printer : Built-in dot impact matrix type
- Display : LCD (20 digits in 4 lines)
- X-ray leakage : 0.6µSv/Hr or less on the instrument surface
- Safety : Interlock mechanism against accidental X-ray leakage
- Power supply : 100V to 240V AC, 200VA
- Dimensions & weight : 42W x 35.1D x 13.7H cm, net about 12kg

***Sister model for multiple measurements  
with a turret is also available.***

- With a turret for 12 samples
- With a built-in printer
- Automatic 1, 2, 3 or multiple (12) point calibration
- Laboratory use

*Model RX-620*



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