



TIANJIN GREWIN TECHNOLOGY CO.,LTD

Web:www.grewin-tech.com WhatsApp:+86-13072088960

Email:salesmanager@grewin-tech.com

RCI-604P PIPELINE ANTI-CORROSION LAYER

STATUS MONITORING SYSTEM

USING FEATHER:

- **Route tracing and depth measurement**
Compass and Left-right arrow indication
Current direction measurement avoid the near-by pipe influence
Real-time depth and current value measurement
- **ACCA (PCM) anti-corrosion intact assessment**
ULF 4Hz current measurement
Built-in high accuracy magnetic field sensor
Blue-tooth transfer graphically, directional and quantitative assessment
- **ACVG anti-corrosion break point accuracy position**
A frame measurement
ULF 4Hz/8Hz potential measurement
Fault point direction arrow indication



RECEIVER FEATHER:

- High sensitivity, DSP precision high speed digital signal process, Ultra narrow band digital filtering
- Integrated CHINA BEIDOU/GPS position function, easy to get the tested point coordinate
- Integrated the blue-tooth function, supports communicate with tablet and mobile phone to realize the data graphical and do directional and quantitative assessment for the anti-corrosion coating

TRANSMITTER FEATHER:

- Big power and big current, DSP digital effects, auto resistance matching. Adapts the power, voltage and overheating protection function
- Multiple frequencies, the complex frequencies supports the route tracing and depth measurement function. No switch to do the ACCA,ACVG measurement.
- LF signal can used to do long distance pipe measurement.



TIANJIN GREWIN TECHNOLOGY CO.,LTD

Web:www.grewin-tech.com WhatsApp:+86-13072088960

Email:salesmanager@grewin-tech.com

SPECIFICATION:

● RCI-604PR receiver:

- ✓ Receiving method: built-in coin, built-in magnetic field sensor, outer A frame
- ✓ Pipe route tracing mode: Wide peak, narrow peak, valley, history cursor
- ✓ Pipe tracing indication: compass and left-right arrow indication
- ✓ Current direction measurement: current phase dial to indicate the current direction, anti- error tracing /influence from the nearby pipe
- ✓ Depth measurement accuracy: above the pipe use the auto depth measurement and low frequency the accuracy will be 5%
- ✓ Pipe tracing frequencies: active 128Hz,640Hz,1280Hz, passive 50Hz,100Hz
- ✓ ACCA (PCM) magnetic field sensor current measurement frequencies 4Hz/8Hz
- ✓ Human interface: 320x240 LCD
- ✓ Power: built-in 18650 Lithium batteries x 2 pcs
- ✓ 680x120x227mm 2.0kgs
- ✓ IP65



● RCI-604PT transmitter:

- ✓ Two models optional: RCI-604PT/A AC power supply;PC,-1000T/B Built-in battery
- ✓ Output method: direction connection
- ✓ Output frequencies: complex frequencies: 128+4+8 Hz,640+4+8Hz, 1280+4+8Hz
Signal frequencies:128Hz, 640Hz, 1280Hz
- ✓ Output power: AC power supply model, 150W
Built-in battery model,100W
- ✓ Output voltage: 250Vpp
- ✓ Output current 10 steps adjustable: 0.1A,0.2A,0.3A,0.5A,0.75A,1A,1.5A,2A,2.5A,3A
- ✓ Impedance auto matching (0~∞) ,power, voltage and overheat protection
- ✓ Human interface: 320x240 LCD
- ✓ Power supply: AC power supply model, AC220V
Built-in battery model, 18650 lithium battery x13 pcs
- ✓ 350x300x145mm 2.0kgs
- ✓ IP65





TIANJIN GREWIN TECHNOLOGY CO.,LTD

Web:www.grewin-tech.com WhatsApp:+86-13072088960

Email:salesmanager@grewin-tech.com

● Optional :

- ✓ PP-1500 portable power supply: AC220V sin, output power 1300W, peak power 2600W

Lithium batteries: 24V,25AH

Charging time: 13-14 hours

USB: 5A/2A LED light 200A for engine start

345x246x172mm 7.8kgs

- ✓ Industry PC with anti-moisture, anti-mildew, anti-salt spray

Win 10 operation system

CPU Intel cherry trail Z8350 (1.44Ghz-1.84GHz) ,2G\ 32G

10.1" touch screen 1280x800,280cd/m2 bright

Port: blue-tooth,WIFI,USD,HDMI,D89,RJ45,3G/4G,GPS

272X195X22MM 1.0KG

IP64

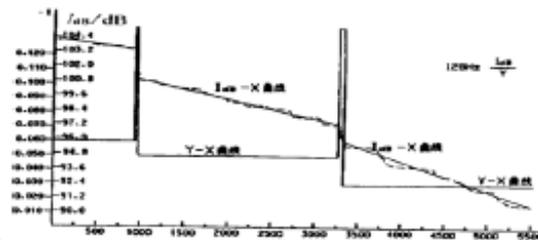
Endurance :8hours



- ✓ Assessment software

Pipeline anti-corrosion intact software

Pipe route and depth, ACCA(PCM) assessment and ACVG



assessment