

## THJW-1012-BP ---Advantage

One of HATATEST Patent technology was used in HTJW-1012-BP Portable DR system. Just because of this worldwide Unique technology, HATATEST helped their customer to save more than 30% cost for industry NDT. HATA digital imaging NDT system is the only digital imaging NDT system who can match all the kinds of X ray machine in the world, including frequency conversion X ray machine

01

The world's Unique NDT digital imaging system who use Frequency conversion ray Machine( no fixed potential X ray devices )as radiation source

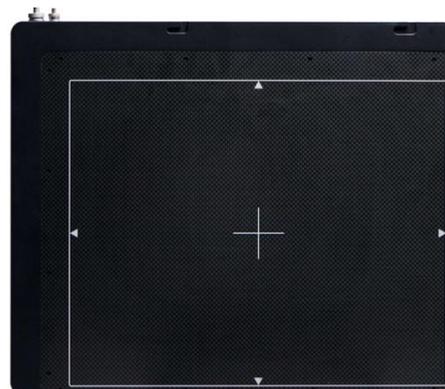
02

Max penetration thickness can be 60mm.  
Support the NDT on the steel tube with external insulating layer or the tube with medium

Support Dynamic imaging: Inspect fast moving object. This technology be used for the This technology is used to detect product on assembly line.

03

## THJW-1012-BP ---Specification

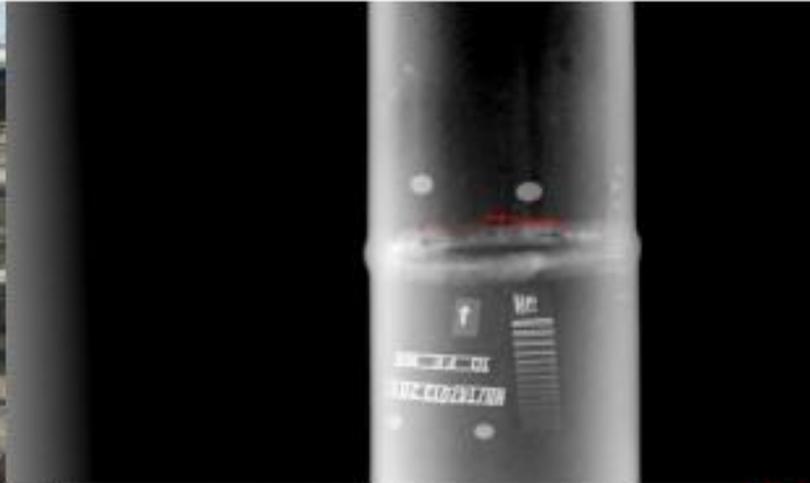


X ray source	X ray machine type	HTJW200-350 Series industry X ray machine
	Optional X ray tube voltage	50-350 kv
	Maximum penetration thickness	60mm
HTJW1012D Digital Flat Panel	Scintillator	CsI
	Active Area	244mm*307mm
	Pixel matrix	2048*2560 (Full resolution mode)
	Limiting Resolution	4.16lp/mm
	Pixel Pitch	120 $\mu$ m
	A/D Conversion	16bits
	Interface	Wired : 1Gbps Ethernet Wireless : 802.11 a/g/n Wireless LAN
	Frame frequency	>1.5fps(2048*2560)
Dynamic range	~82db	

## THJW-1012-BP ---Specification

	Dimension(W x L x H)	333mm*282mm*26mm
	Weight	~2.3kg (5lb)
	sheathing material	Aluminium
	Sensor protection material	Carbon fiber board
	Temperature range	Limit working temperature: -20 C to55 C
	Humidity range	Work: 30%to75%RH
	Energy Range	40-300kv
	Power supply	100-240V 50/60Hz AC
Software	<p style="text-align: center;">HTSW7.0</p> <ul style="list-style-type: none"> <li>--Real-time image acquisition and analysis</li> <li>--Image be displayed, stored, amplified, measured, annotated, enhanced, luminance and contrast, sharpness, edge enhancement, gain and image rotation, average, superposition and annotation, and the function of cancelling / redoing and restoring the original image.</li> <li>--Database management</li> <li>--High precision defect measurement and calibration</li> <li>--Witch mirror</li> </ul> <p>More function please refer to specification of HTSW7.0</p>	

## THJW-1012-BP ---Typical case



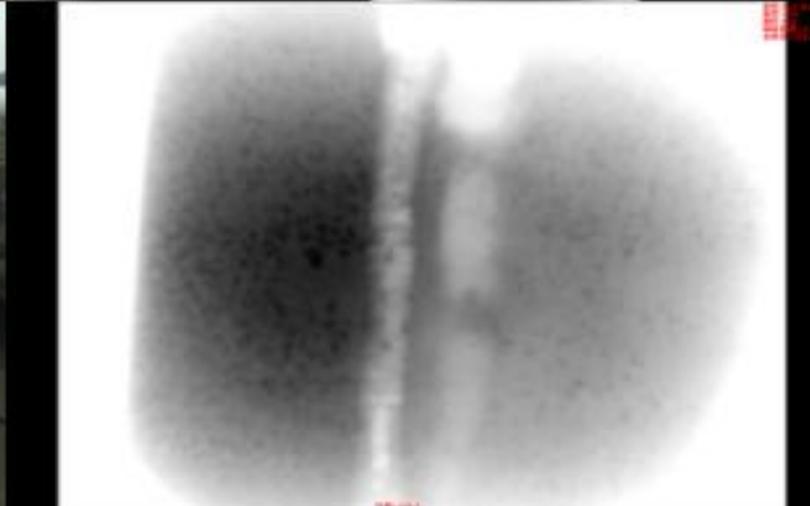
Typical:

--Strip defect and circular defect

--Both pipes are full of medium

--The above picture is the tube whose size is 89×6mm size and be full of high pressure mashgas

--The below picture is the tube whose size is 273×8mm and be full of water.



## THJW-1012-BP ---Typical case



Typical:

--530×18mm pipe  
with 250mm  
Insulation layer

