

ISO 9001:2015

BUREAU VERITAS
Certification



Revendeur officiel de :

CREAFORM

TELEDYNE ICM
Everywhere you look

Mitcorp



vallen
systeme

MR[®] CHEMIE
NDT-MATERIALS



TESTIA
NDT

SPECTRO

Carestream

GUIDED ULTRASONICS LTD.
Global Leader in Guided Wave Technology

DOPPLER

X-Ray

UT / PA / TOFD

MT / PT

AT

EC / ECA

Analysis

Visual Testing

Measure

Specific

Services

QUI SOMMES NOUS ?



Ils nous font confiance

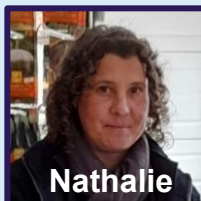


Organisé pour la réactivité

Admin / Logistique



Joëlle



Nathalie



Anne-Lise



Guillaume



Guillaume

Métrologie des CND



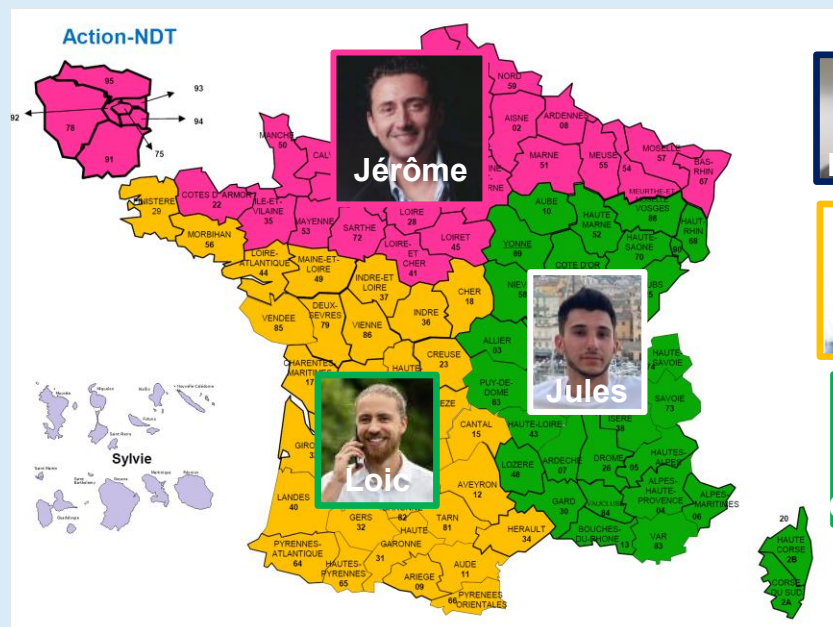
Philippe



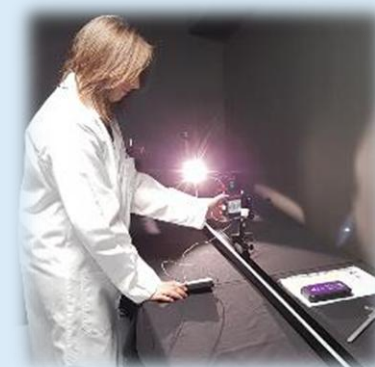
Sylvie



Geoffroy



- Stock & Prix visible sur internet
- Livraisons 24-48h
- Pas de fermeture, été, Noël
- Réparations
- Vérifications périodiques raccordées



Quelques Chiffres



CA 3.5M€



>2550 colis



>2500 vérifs



A close-up, black and white photograph of a human eye. The eye is looking directly at the viewer. The iris is replaced by a vibrant, colorful image of the Earth, showing blue oceans, green landmasses, and white clouds. The eyelashes are long and dark, framing the eye.

Teledyne ICM

Portable X-ray equipment
manufacturer



February 2025

TELEDYNE ICM

Fabricant spécialisé dans les solutions à rayons X portables pour les applications de sécurité et industrielles.



Fondée en 1993

- Acquis par Teledyne Technologies Corp. en 2016
- 45 employées



Présence mondiale

- Siège et production situés en Belgique
- Bureaux principaux en Amérique du Nord et en Chine
- Centres de service technique implantés stratégiquement dans le monde pour soutenir les clients et utilisateurs locaux



Équipements innovants et intuitifs

- Équipements portables de radiographie conçus, développés et fabriqués en interne (Belgique)
- 10 % du chiffre d'affaires annuel investi en R&D

BUSINESS FIELDS



NDT (Non-Destructive Testing)



Security



OUR OFFICES





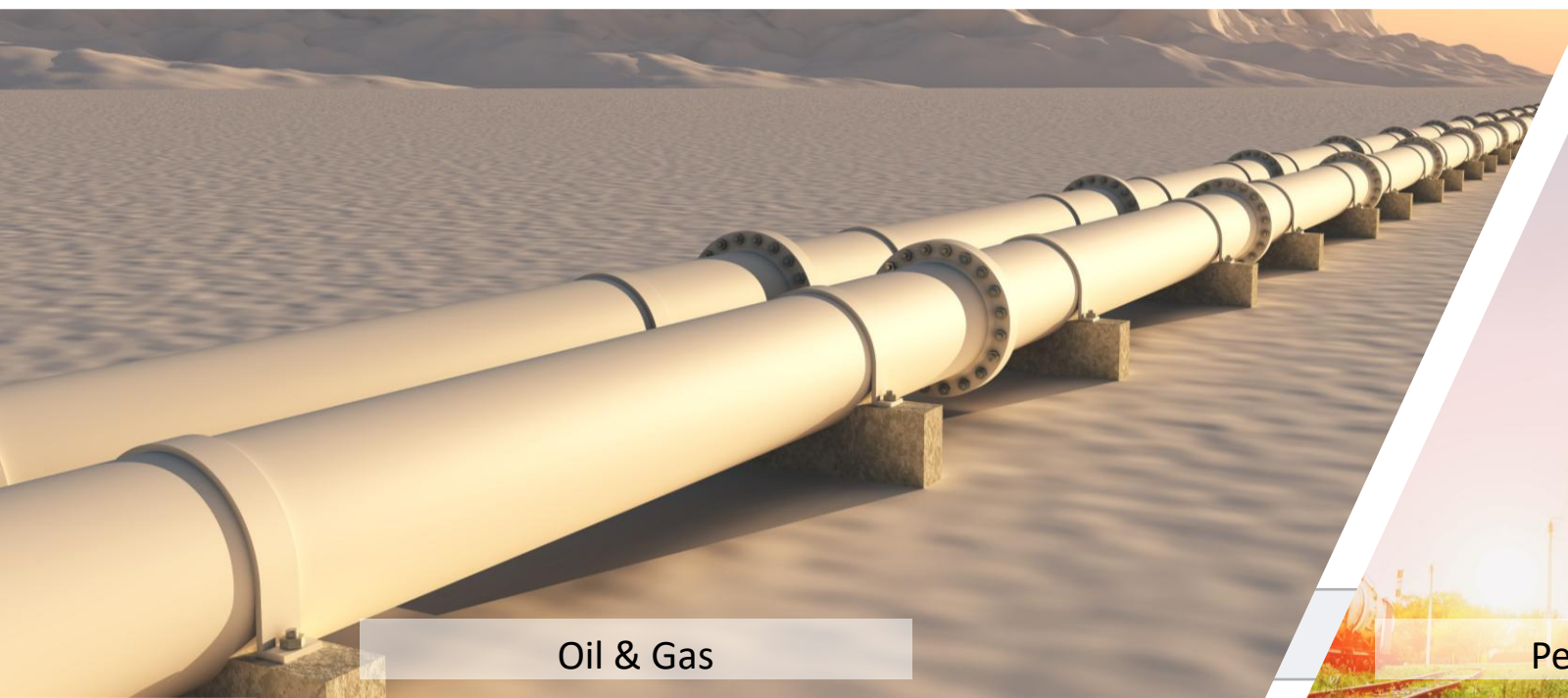
Defense & Aerospace



Art



Shipbuilding



Oil & Gas



Petrochemical



TELEDYNE ICM
Everywhere you look™

CP SERIES



- Poids léger
- Carrousel de sortie
- Interface intuitive
- Robuste
- Fonctionnement continu

CP BATTERY



- Poids léger
- Facile à utiliser / Ergonomique
- Robuste
- Sur batterie
- focal spot (< 1mm)

GO-SCAN 1510HR/XR & 4335 & 3025



- Détecteurs à rayons X CMOS & aSi
- Haute définition (99/49 μm – 154/120 μm)
- Léger
- Facile à utiliser
- Flexible / Pliable – NOUVEAU
- Robuste
- Fonctionne sur batterie
- Retour en temps réel

GO-SCAN C-VIEW



- Détecteur à rayons X CMOS en temps réel
- Faible tension
- Léger 6kg
- Facile à utiliser
- Robuste
- Sur batterie
- Retour en temps réel
- Vidéo

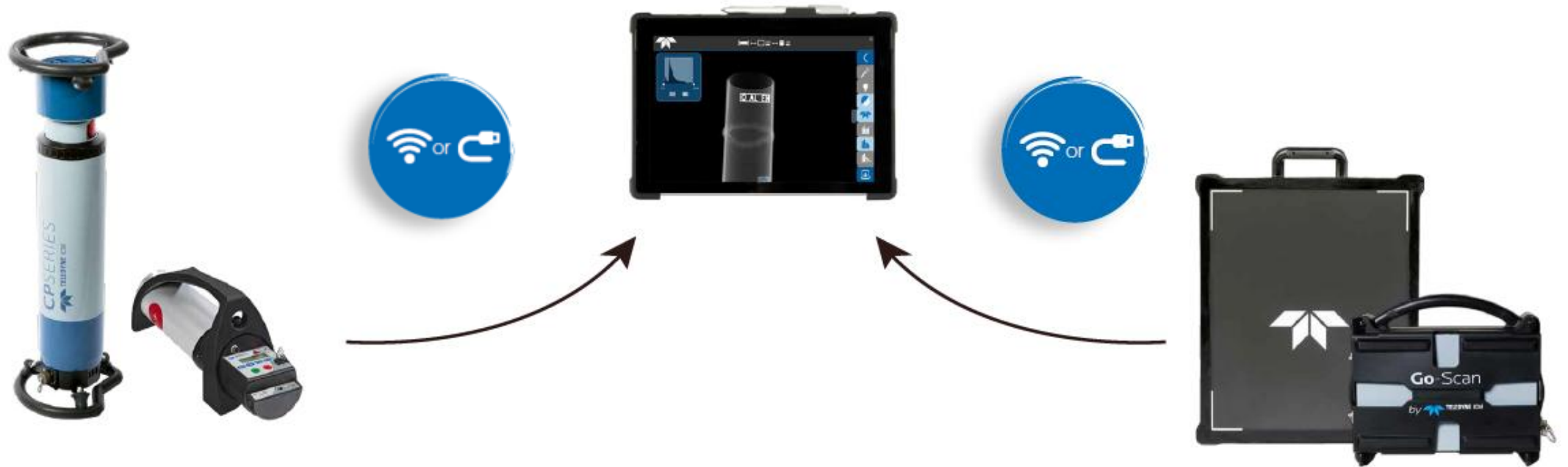


APPLICATIONS EXAMPLES

NDT Build your own bundle

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Le virage numérique s'accélère dans tous les secteurs — les rayons X suivent le mouvement.



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X-RAY GENERATORS – CP Battery



CP BATTERY

	Unit	CP120B	CP160B
Radiation geometry	-	Directional	Directional
Power supply	-	Battery	Battery
Output voltage range	kV	40 to 120	40 to 160
Tube current range	mA	0.1 to 1.0	0.1 to 0.5
Tube current at full output	mA	1.0	0.5
Maximum power at the anode	W	120	80
Constant power mode	-	Yes	Yes
Working cycle at 30°C (*)	%	/	/
Steel penetration (**)	mm/in	10 / 0.4	21 / 0.8
Weight	Kg/lbs	7.0 / 15.4	9.2 / 20.3
Overall dimensions	mm/in	Ø 124 x 476 / 4.9 x 18.7	Ø 124 x 520 / 4.9 x 20.5
Leakage dose at 1 m at full output	mSv/h	< 2.0	< 2.0
Optical focal spot according to EN 12543	mm/in	0.8 x 0.5 / 0.03 x 0.02	0.8 x 0.7 / 0.03 x 0.03
Maximum useful angle	°	50 x 50	60 x 60
Inherent filtration	mm/in	Equiv. 3.5 / 0.1 (Al)	Equiv. 3.5 / 0.1 (Al)
Waterproof level	-	IP54	IP54
Operating temperature	°C/°F°	-25 to +50 / -13 to +140	-25 to +50 / -13 to +140
Storage temperature	°C/°F°	-40 to +80 / -40 to +176	-40 to +80 / -40 to +176
Guard rings	-	/	/

(*) Open air - airstream 5m/sec.

(**) 700 mm FFD, 10 min, AA400, D=2 for CPD

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X-RAY GENERATORS – CP Series



SITEX CP SERIES		Unit	SITEX CP160D	SITEX CP200D	SITEX CP200DS	SITEX CP225D	SITEX CP300DM	SITEX CP300DS
Radiation geometry	-	-	Directional	Directional	Directional	Directional	Directional	Directional
Power supply	-	-	Mains	Mains	Mains	Mains	Mains	Mains
Output voltage range	kV	-	10 to 160	10 to 200	10 to 200	10 to 225	30 to 300	30 to 300
Tube current range	mA	-	1 to 10	1 to 10	0.5 to 10	1 to 10	0.5 to 10	0.5 to 6
Tube current at full output	mA	-	5.6	4.5	3.7	4.0	3	3
Maximum power at the anode	W	-	900	900	750	900	900	900
Constant power mode	-	-	Yes	Yes	Yes	Yes	Yes	Yes
Working cycle at 30°C (*)	%	-	100	100	100	100	100	100
Steel penetration (**)	mm/in	-	29 / 1.14	42 / 1.65	40 / 1.57	47 / 1.9	66 / 2.6	66 / 2.6
Weight	Kg/lbs	-	14.7 / 30.86	14.7 / 30.86	15.9 / 35.05	14.7 / 30.86	29 / 63.93	29 / 63.93
Overall dimensions	mm/in	-	Ø 140 x 725 / 5.5 x 28.5	Ø 140 x 725 / 5.5 x 28.5	Ø 140 x 705 / 5.51 x 27.75	Ø 140 x 725 / 5.5 x 28.5	Ø 180 x 837 / 7.1 x 33	Ø 180 x 837 / 7.1 x 33
Leakage dose at 1 m at full output	mSv/h	-	< 2.0	< 2.0	< 2.0	< 2.0	< 5.0	< 5.0
Optical focal spot according to EN 12543	mm/in	-	3 / 0.12	3 / 0.12	1 / 0.04	3 / 0.12	3 / 0.12	1 / 0.04
Maximum useful angle	°	-	60 x 40 elliptical	60 x 40 elliptical	60 x 40 elliptical	60 x 40 elliptical	60 x 40 elliptical	60 x 30 elliptical
Inherent filtration	mm/in	-	0.8 / 0.03 (Be window)	0.8 / 0.03 (Be window)	0.8 / 0.03 (Be window)	0.8 / 0.03 (Be window)	0.8 / 0.03 (Be window)	0.8 / 0.03 (Be window)
Waterproof level	-	-	IP65	IP65	IP65	IP65	IP65	IP65
Operating temperature	°C/°F	-	-30 to +60 / -22 to +140	-30 to +60 / -22 to +140	-30 to +60 / -22 to +140	-30 to +60 / -22 to +140	-30 to +60 / -22 to +140	-30 to +60 / -22 to +140
Storage temperature	°C/°F	-	-40 to +70 / -40 to +158	-40 to +70 / -40 to +158	-40 to +70 / -40 to +158	-40 to +70 / -40 to +158	-40 to +70 / -40 to +158	-40 to +70 / -40 to +158
Guard rings	-	-	2	2	2	2	2	2

(*) Open air - airstream 5m/sec.

(**) 700 mm FFD, 10 min , AA400, D=2 for CPD

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DR DETECTORS – Go-Scan Series



	Unit	GO-SCAN 1506	GO-SCAN 1510 HR	GO-SCAN 1510 XR	GO-SCAN 2329	GO-SCAN 3025	GO-SCAN 4335
GENERAL							
Technology	-	CMOS Active Pixel	CMOS Active Pixel	CMOS Active Pixel	CMOS Active Pixel	aSi	aSi
Pixel pitch	µm	49.5	99	49.5	49.5	120	154
Sensitivity settings	#	1	2	1	1	1	1
Active area	mm/in	57 x 146 / 2.2 x 5.7	102 x 153 / 4 x 6	114 x 145 / 4.5 x 5.7	230 x 290 / 9 x 11.4	300 x 250 / 11.8 x 9.8	434 x 355 / 16.9 x 13.8
Active resolution	pxl	1152 x 2940	1032 x 1548	2304 x 2940	4608 x 5890	2560 x 2048	2816 x 2304
BANDWIDTH							
Data interface	-	GigE & Wi-Fi**	GigE & Wi-Fi	GigE & Wi-Fi	GigE	GigE & Wi-Fi	GigE & Wi-Fi
ADC conversion	bits	14	14	14	14	16	16
Frame rate– 1x1 (GigE)	fps	15	up to 30	up to 9	up to 2	0.3	0.3
POWER CONSUMPTION							
Power supply	-	Battery** / Mains*	Battery / Mains*	Battery / Mains*	Mains*	Battery / Mains*	Battery / Mains*
Power consumption	W	40	15	15	15 to 40	17	20
Battery performance	-	-	Approx. 7 hours	Approx. 7 hours	-	Approx. 7 hours	Approx. 7 hours
INTEGRATION							
Dimension (without sleeve)	mm/in	206 x 78 x 31 / 8.1 x 3 x 1.2	238 x 154 x 25 / 9.4 x 6.0 x 1.0	238 x 154 x 25 / 9.4 x 6.0 x 1.0	331 x 331 x 23 / 13 x 13 x 0.9	339 x 287 x 18.8 / 13.34 x 11.29 x 7.4	464 x 388 x 18.8 / 18.26 x 15.27 x 7.4
Overall dimension	mm/in	218 x 90 x 35 / 8.6 x 3.5 x 1.4	259 x 227.7 x 107.5 / 10.2 x 8.9 x 4.2	259 x 227.7 x 107.5 / 10.2 x 8.9 x 4.2	350 x 350 x 28.2 / 13.7 x 13.7 x 1.1	412.5 x 310 x 34.2 / 16.2 x 12.2 x 1.3	538.5 x 410 x 34.5 / 21.2 x 16.1 x 1.3
Weight (without sleeve)	Kg/lbs	0.9 / 1.9	1.6 / 3.5	1.6 / 3.5	8 / 17.6	3.5 / 6.6	5.9 / 13
ENVIRONMENTAL							
Operating temperature	°C/°F	+10 to +40°C / +50 to +104°F	-20 to 50°C / -4 to +122°F	-20 to 50°C / -4 to +122°F	0 to +50°C / +32 to +122°F	-20 to 50°C / -4 to +122°F	-20 to 50°C / -4 to +122°F
Storage temperature	°C/°F	-10 to +55°C / +14 to +131°F	-20 to 60°C / -4 to +140°F	-20 to 60°C / -4 to +140°F	-10 to +55°C / +14 to +131°F	-20 to 60°C / -4 to +140°F	-20 to 60°C / -4 to +140°F
Humidity	% R.H.	10 to 80	20 to 80	20 to 80	20 to 80	30 to 75	30 to 75
X-ray energy range	kV	Up to 225	Up to 225	Up to 225	Up to 225	Up to 300	Up to 300

(*) with Power/Com Cable accessory

(**) with Power unit

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SOFTWARE – Sherlock NDT

SOFTWARE FEATURES

All-in-one touchscreen software

Available in 20 languages

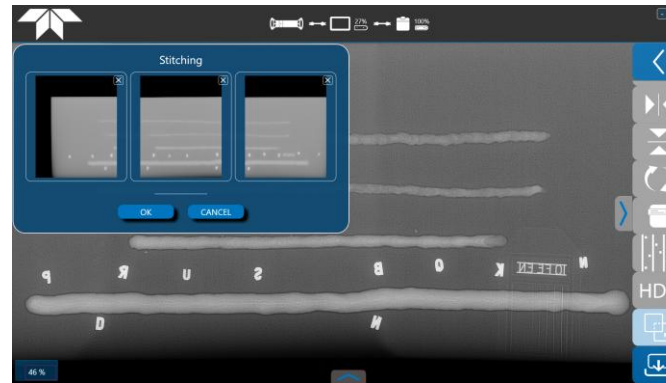
Add unlimited users

Library to store all inspections efficiently

Interconnected by cable or wireless

Fast image acquisition

Preset exposure configurations



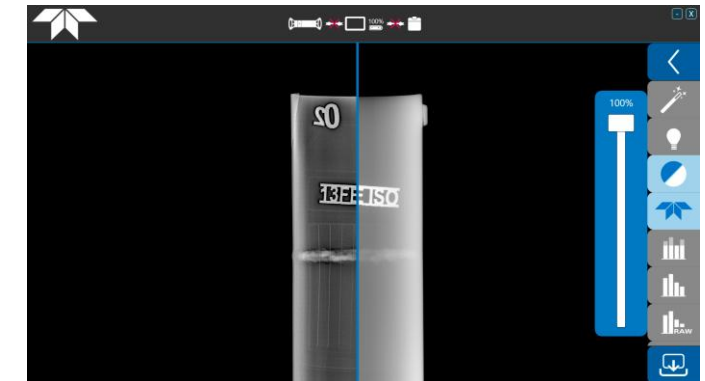
Stitching of multiple images



Wall thickness measurement



iSRb calculation and automatic IQI recognition



With Teledyne filter

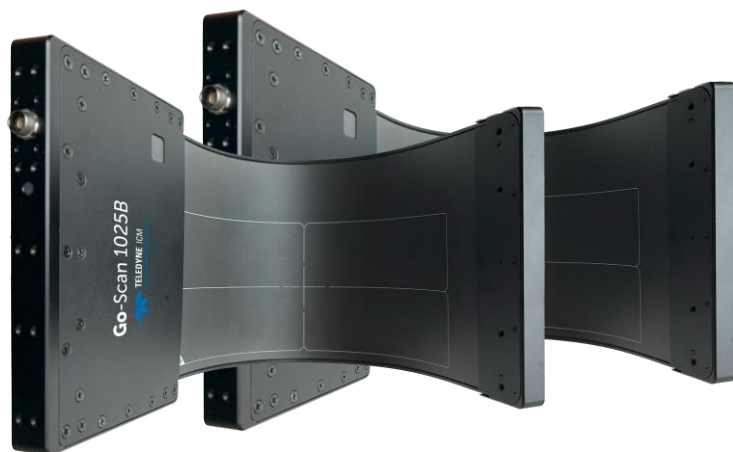
Without Teledyne filter

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NE
W

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BENDABLE DR DETECTORS – Go-Scan 1025B & 1043B



	Unit	GO-SCAN 1025B	GO-SCAN 1043B
GENERAL			
Minimum pipe diameter	mm/in	152 / 6	304 / 12
Technology	-	aSi	aSi
Pixel pitch	µm	99	99
Active area	mm/in	97 x 249 / 3.8 x 9.8	97 x 427 / 3.8 x 16.8
Active resolution	pxl	988 x 2524	988 x 4316
BANDWIDTH			
Data interface	-	GigE & Wi-Fi	GigE & Wi-Fi
ADC conversion	bits	16	16
POWER CONSUMPTION			
Power supply	-	Battery / Mains*	Battery / Mains*
Power consumption	W (standing/operating)	< 24	< 24
Battery performance	-	6h (standby) / 5.5h (acquisition)	6h (standby) / 5.5h (acquisition)
INTEGRATION			
Overall dimension (with sleeve)	mm/in (H x W x D)	230 x 473 x 21 / 9 x 18.6 x 0.8	230 x 650,5 x 21 / 9 x 25.6 x 0.8
Overall weight (with sleeve)	Kg/lbs	1.5 / 3.3	1.7 / 3.7
ENVIRONMENTAL			
Waterproof level	-	IP67	IP67
Operating temperature	°C/°F°	-20, +50 / -4, +122	-20, +50 / -4, +122
Storage temperature	°C/°F°	-20, +50 / -4, +122	-20, +50 / -4, +122
Humidity	% R.H.	10 to 90	10 to 90
X-ray energy range	kV	40 - 450	40 - 450

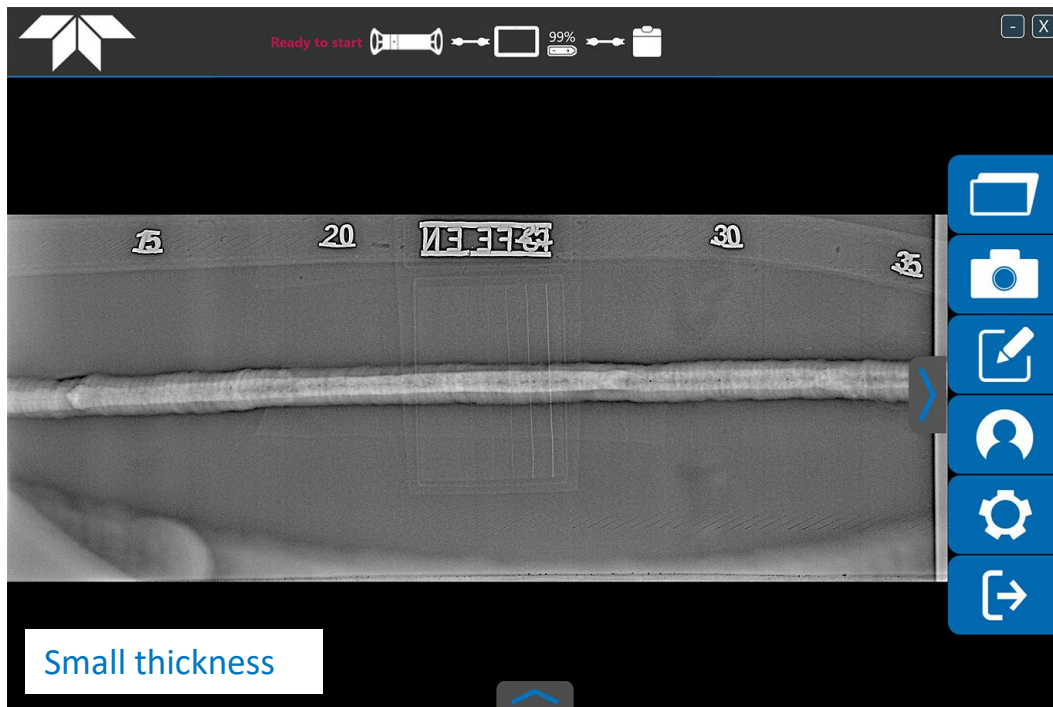
(*) with Power/Com Cable accessory

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NEW

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APPLICATIONS – Go-Scan 1025B & 1043B



NDT Build your own bundle

NEW

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APPLICATIONS – Go-Scan 1025B & 1043B

- Designed specifically for inspecting circumferential welds on pipes with a minimum diameter of 152 mm (6”).
- Fully integrated with our CPSeries generators.
- Compatible with Gamma rays.



Go-Scan C-View

Real Time X-Ray Equipment for Corrosion Under Insulation (CUI) Inspection



BATTERY
OPERATED



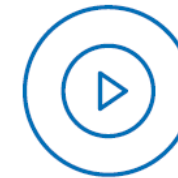
CMOS
TECHNOLOGY



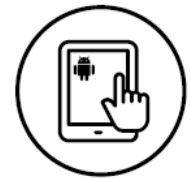
WIRELESS
OR CABLE



RUGGEDIZED



LIVE VIDEO



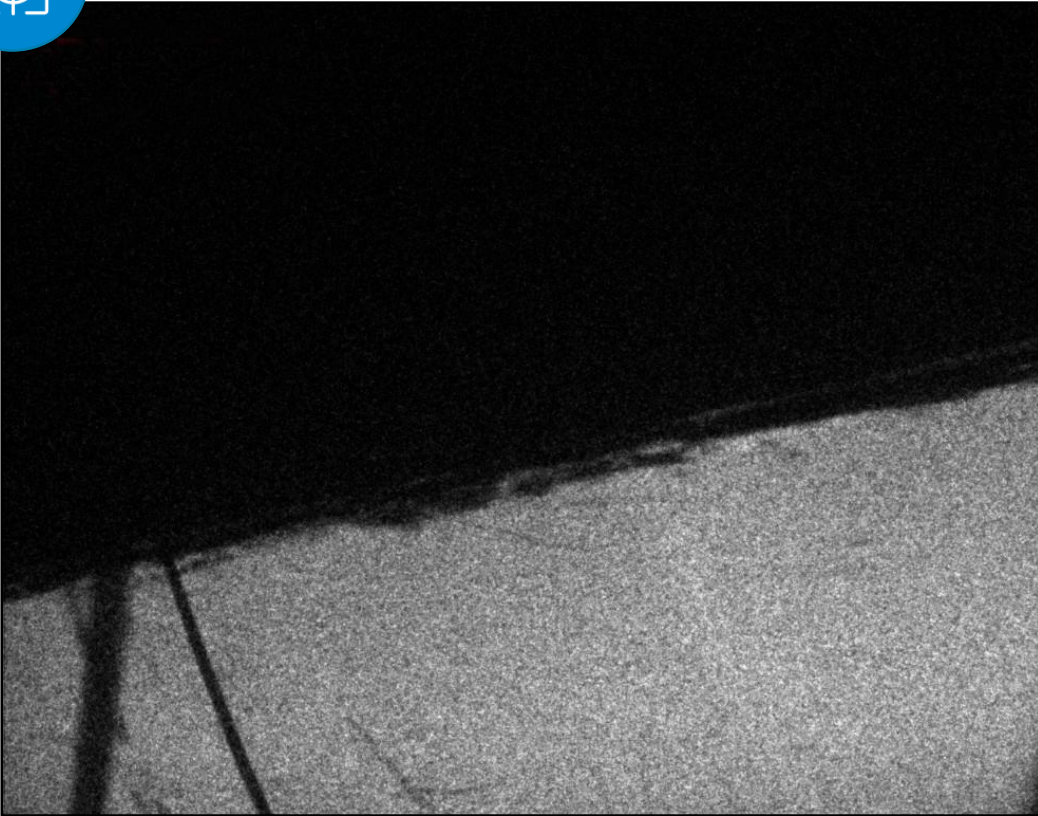
GO-SCAN
C-VIEWER APP

Ideal for
Digital Radiography

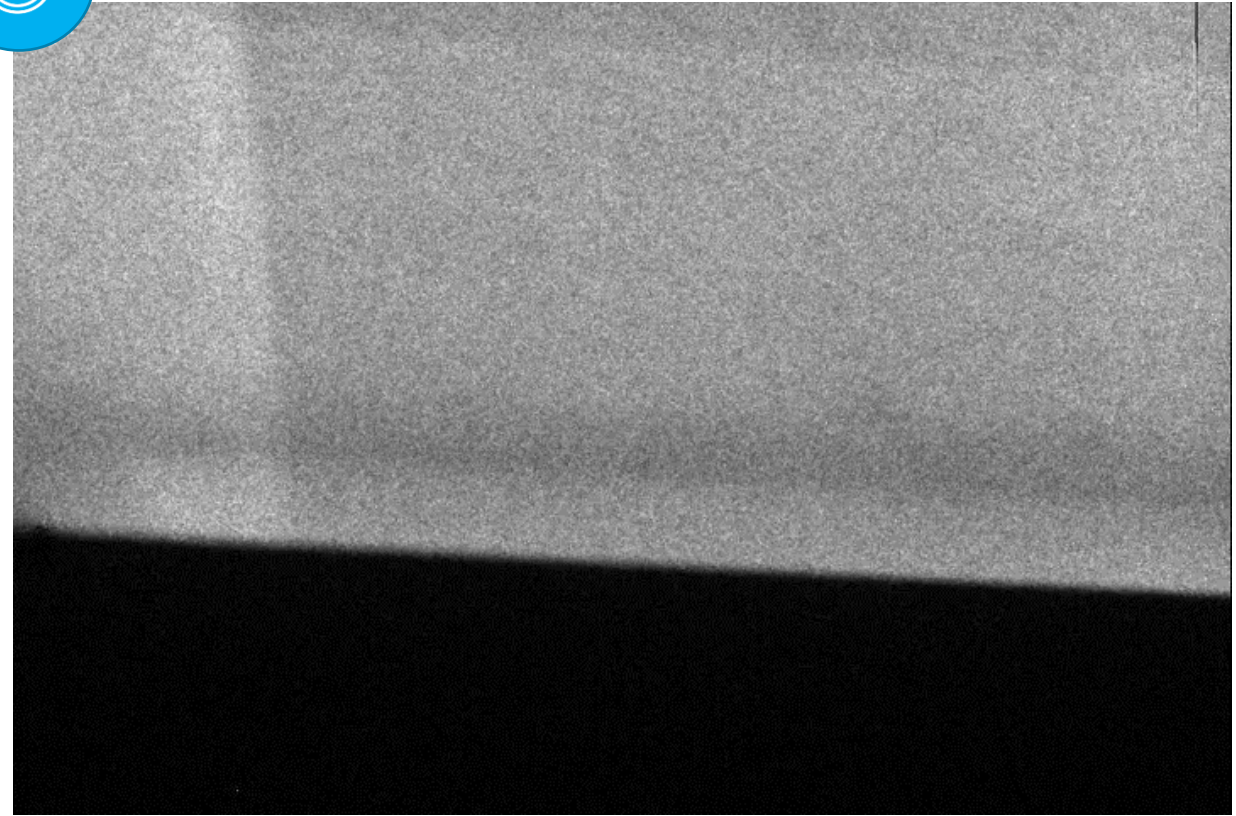


REALTIME X-RAY INSPECTIONS
with Go-Scan C-View

Portable X-Ray image



Real Time X-Ray video





Action-NDT

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