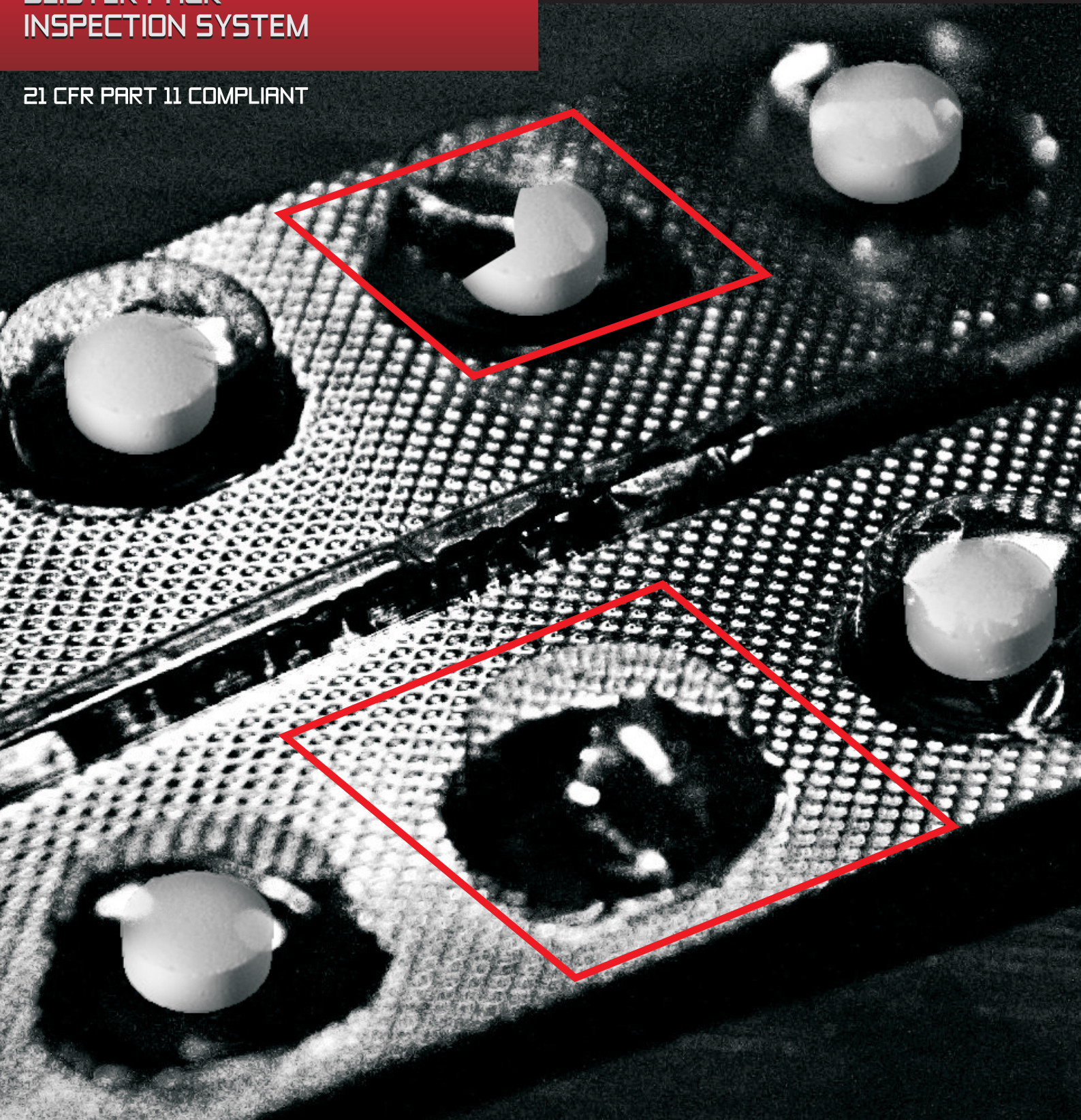


JEKSON
USA

BIS NXG

BLISTER PACK
INSPECTION SYSTEM

21 CFR PART 11 COMPLIANT



BIS NXG

BLISTER PACK INSPECTION SYSTEM

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BIS NXG - TECHNOLOGY



Jekson USA introduces Next Generation Blister Pack Inspection System: **BIS NXG**. These systems are designed to meet the stringent requirement of pharmaceutical packaging lines to inspect various types, sizes and shapes of tables & capsules, hard/soft gelatin capsule, vials, ampoules, syringes, skin patch etc packed in transparent, opaque, coloured PVC or Aluminum foil. All our NXG systems are : *easy to operate with intelligent (self intuitive) GUI, minimum set up(teaching) time with wizard based UTT, highly user friendly with virtual assistant JACKIE and backed by multilingual support and quick remote assistance via internet.*

APPLICATION POSSIBILITIES

Variety of Products :

Tablets
Capsules (Hard /Soft)
Vials
Ampoules
Syringes
Skin Patch
Customized Blisters

Expandable Options:

Jekson Blister Pack
Inspection System

Controller



Foil Code
Reader



Ampoule



Skin Patch



Tablets



Gel
Capsules



Syringes



Customized
Blisters

SYSTEM CAPABILITIES

Colour Blister Pack Inspection System
can detect the following situations:



Empty
Pocket



Foreign
Objects



Black
Spot



Crushed



Chipped
Product



Broken
Product



Hairline
Crack



Color
Variation

JEKSON

USA

BIS NXG - FEATURES

Unmatched NXG Technology

Mega pixel digital camera for capturing high resolution images.
High power magnification and low distortion lens for high quality images.
Polarized and uniform illumination with fixed analyzer.
High speed GigE Data transfer Technology
Advanced image processing algorithms supports
top illuminations for most of the products.
Industrial PC with 15' touch screen with C2D processor.
Expandable input /output modules

UEE (Use with Extreme Ease) defines Simplicity :

Few step teach-in.
Highly Interactive GUI with easily approachable options
Wizard based tech-in with audio and video tutorials
Touch screen operation
Online tolerance setting without stopping production
Background analysis for easy problem identification
Virtual assistant JACKIE guides the operator
throughout the operation

Versatile Solution

Detailed production report for effective DSS
(decision support system) stating defect wise
counters, bar & pie charts etc.
NXG software allows all future upgrades
Direct connection of optional sensors like pinhole detector, bar code reader etc

Quality Assurance (Compliance)

Compliant with FDA 21 CFR part 11
System is designed under cGMP guidelines.
Detects possible product errors upto 4%
Simultaneous error search strategies colour, shape, spots and foreign object.
Cable break fail safe rejection mechanism.
Different access levels with password protection

24 X 7 Online Support

24 X 7 service helpline
Web connectivity for remote training, service assistance, monitoring and
software upgradation via internet
Readily available parts for quick replacement

BIS NXG - TECHNICAL SPECIFICATIONS

Model	BIS NXG SYSTEM
Type	Colour
Principal of Detection	JEKSON proprietary algorithm
Max Track Output	up to 12 (Extended upon request)
Max Format Width(mm)	280 mm
Evaluation Speed (images /min)	800
Max. Resolution(in pixels)	1388 X 1038
Base Film Possibilities	
a) PCV Clear	yes
b) PVC Opaque	yes
c) PVC Colour	yes
d) Alu foil	yes
e) Aclar Film	yes
Rejection Possibilities	
a) Missing Product	yes
b) Broken Object*	yes - upto 4%
c) Object Oversize Area	yes
d) Object Undersize Area	yes
e) Wrong object Position (Inside / Outside of Pocket)	yes
f) Extra 'Partial Broken' Object Inside Pocket	yes
g) Broken Object Outside Pocket	Yes
i) Different Colour	Yes
j) Three Colours Capsule	yes (multicolour, more than 3)
k) Double Product	yes
m) Different Shape	yes
n) Detection of Black Spot	yes
o) Chipped Tablet Tolerance Setting	yes
Tolerance Settings	
a) Individual Cavity wise	yes
b) Blister wise	yes
c) General	yes
d) Combi-Pack (Sample wise)	yes
Online Editing of Tolerance	yes
Multi-lingual	yes
Re-teaching of model	yes
White -on- white	yes
Illumination	Top
Vision Processor	Pentium IV, IPC embedded Windows XP-E with FBWF OS
Operating System	Windows XP / Windows Vista / Windows embedded XP-E with FBWF (system integrity, protection against virus) operating system
User Interface	touch screen (mouse as optional)
Teach- in	wizard based teach-in with AV(audio visual) assistance..
Monitor Screen	15" touch screen LCD display
UPS	recommended for reliable operation of vision system
21 CFR part 11 Compliance	provided
Report generation with diagnostics	provided

* in ideal condition. (object size 10 mm) Please send your product for evaluation for detailed analysis

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