

ASSURED QUALITY!

CONTROLRIV GEN3

PROCESS CONTROL FOR BLIND RIVETS, RIVET NUTS AND LOCKBOLTS

The CRIVGEN3 is offered in commercial kits together with one of the sensor tools listed below.



Kit codes (complete kit tool with sensor + CRIVGEN3)

RIV504CRIV - Kit	6646000	RIV939PCRV - Kit	6646800
RIV508CRIV - Kit	6646100	RIV943CRIV - Kit	6646500
RIV511BCRIV - Kit	6646200	RIV949CRIV - Kit	6646600
RIV938CRIV - Kit	6649400	RIV916BCRIV - Kit	6646400
RIV938PCRV - Kit	6646700	RIV603CRIV - Kit	6646300
RIV939CRIV - Kit	6649500		

Swivel handle
for maximum installation flexibility

Pneumatic part
robust solenoid valve and analog pressure switch for constant monitoring of incoming compressed air

Metal Case
robust and compact

Separation of the Electronic and Pneumatic parts
to the benefit of maintenance operations

Bright graphic display
3.5 inch

Power button
On/off
high brightness

USB input
for backup operations

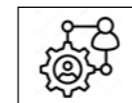
Complete configurability
through web browser and application on dedicated software

Six buttons
For easy navigation of the program

A single model for each application

APPLICATIONS

Process control in industrial environment.



Monitoring of production progress and recording on LOG files of any anomalies.



Remote control of one or more production sites.



Statistical and predictive analysis of labour status.



RIVIT.IT



FASTENERS
& TOOLS

a FERVI GROUP company



Designed and made in Italy



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Inlet/outlet circuit
of compressed air

Service USB

Four inputs

Power supply 24Vdc

Three optoisolated outputs

YOUR SYSTEM UNDER CONTROL

MAIN FUNCTIONALITIES

From display



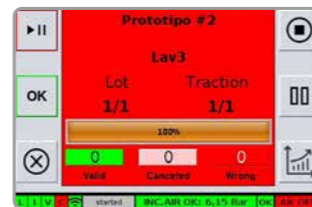
HOME PANEL

Main screen with easy
and intuitive panel



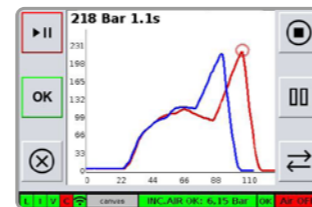
OK PANEL

Clear positive result
with statistics



NOT OK PANEL

Clear negative result
with statistics



CHECK INSTALLATION

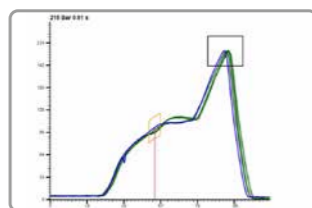
Curve graph with
evidence of errors

From software application



TOOL INTERFACE

Tool selection with
maintenance parameters



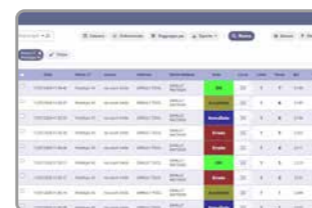
MULTICURVE SETTINGS

Calibration and tolerances
based on multiple curves



STATISTICS

Creation of statistics
and customised graphs



RESULTS LIST

Filterable and exportable
results in multiple formats

Code

See Kit codes

Accessories

Complete power supply **6635900**

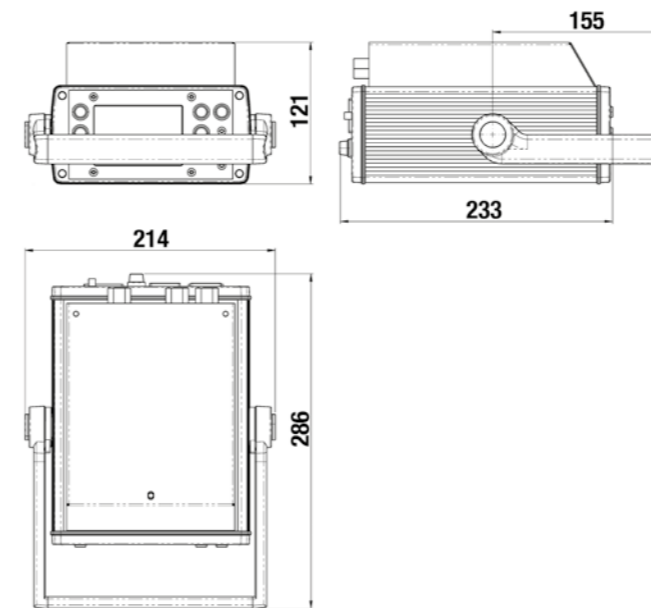
Light Tower Kit **6636000**

Connectivity

Ethernet / USB 2.0 / Wi-Fi® wireless connectivity

Technical features

Min/max air pressure	5/7 bar
Operating air pressure	6 bar
Temperature of use	+5°C > +40°C
Storage temperature	0°C > +50°C
Input voltage	24 VDC
Max current	3 A
Max power	72 W
Number of Inputs	4 - 24V
Number of Output	3 (Open Drain) - 500 mA - 24V
Weight	3.19 kg
Vibrations	< 2,5 m/s²
Noise level	< 80 dB (A)



Working environments

Controlriv GEN3 is ideal for controlling any manufacturing process requiring fastening of rivets, threaded inserts or shear bolts. Some examples:
Automotive and its supply chain.
Heavy carpentry (tanks, chassis, frames).
Various assemblies (automotive, trains, shipbuilding, lifts, storage systems, household appliances).
Handling systems (roller conveyors, racks, conveyor belts, roto-translation systems).

