

MADE IN JAPAN

**Computerized
diesel engine controller**

JAMANER-e

An enterprise certified by the Japanese Ministry of Economy,
Trade and Industry



OKUNO AUTOMOBILE CO., LTD.
Core enterprise certified by the Japanese Ministry of Economy, Trade and Industry

Computerized diesel engine controller

HOW about using JAMANER-e to
a Japanese-made used computer
diesel engine?

▶ Trucks ▶ Boats ▶ Power generators



Computerized diesel engine controller

JAMANER-e

o install erized

A versatile, high-performance, moderately priced computerized diesel engine controller that is also environment-friendly.

The JAMANER-e computerized diesel engine controller is finally here.

A great number of second-hand Japanese diesel engines are already used abroad for trucks and boats. However, because it has been difficult to recycle computerized diesel engines with reduced harmful emissions, which have been manufactured since 1995, they have not been used as fully as anticipated. Besides, diesel engines are computerized in Japan, so the supply of non-computerized used diesel engines will be exhausted before long. To solve this problem, we used Ze-Star technology to develop the JAMANER-e computerized diesel engine controller, which electronically controls the amount of fuel consumption and the timing of fuel injection. We mount it on computerized diesel engine, from small to large size, which we offer as one unit.

A new product for the global environment of the future.

The use of second-hand computerized engines controlled by JAMANER-e reduces nitrogenoxide emissions, and contributes to protection of the global environment.

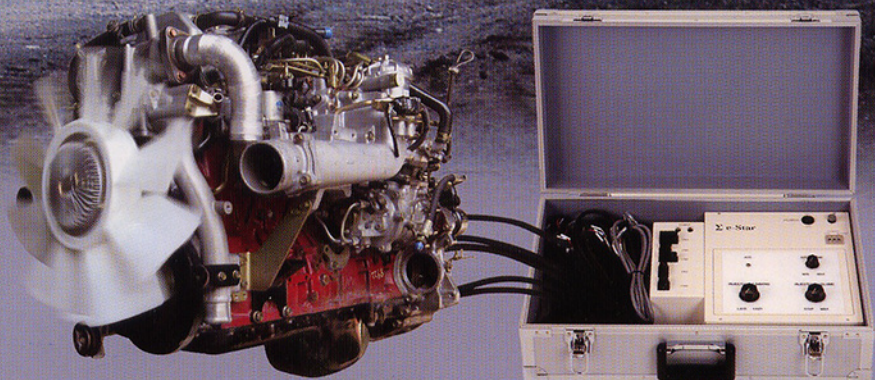
**Can be used for
computerized diesel engines.**

MADE IN JAPAN



Computerized diesel engine starting test machine

Σ e-Star



Computerized diesel engine controller

JAMANER-e

General Specifications

Brand Name	JAMANER-e
Product description	Computerized diesel engine controller
Main unit dimensions Accelerator	W245xD189xH61 (mm) *an umbo is contained W129xD129xH50 (mm)
Main unit weight Accelerator	2,000g 680g
Applicable engines Accelerator	Can be used for Japanese-made electric governor type, common-rail type and rotary pump type diesel engines.
input power source	DC24V
Accessories	Wire harness (1set), Accelerator sensor, Manual, Warranty

- 1) Specifications and appearance are subject to change without notice.
- 2) It is not intended to guarantee the starting of all computerized diesel engines.

● We manage and promote JAMANER-e and Σe-Star as an enterprise certified by the Japanese Ministry of Economy, Trade and Industry. The following organizations carry out development, production and distribution.

Development

Joint industry, academia and government project
Kanazawa University Hirose Laboratory,
Ishikawa Prefecture, Lion Power Co., Ltd.,
Japan Truck Refine Parts Association

Production

Lion Power Co., Ltd.

General distributor

*Core enterprise certified by the Japanese Ministry of Economy,
Trade and Industry

OKUNO AUTOMOBILE CO., LTD.

17 Yanagi-machi, Nonoichi-machi, Ishikawa-gun Ishikawa Prefecture,
921-8848 Japan

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E-mail bw.okuno@p2222.nsk.ne.jp

URL <http://www.okunojapan.com>

ISO 14001

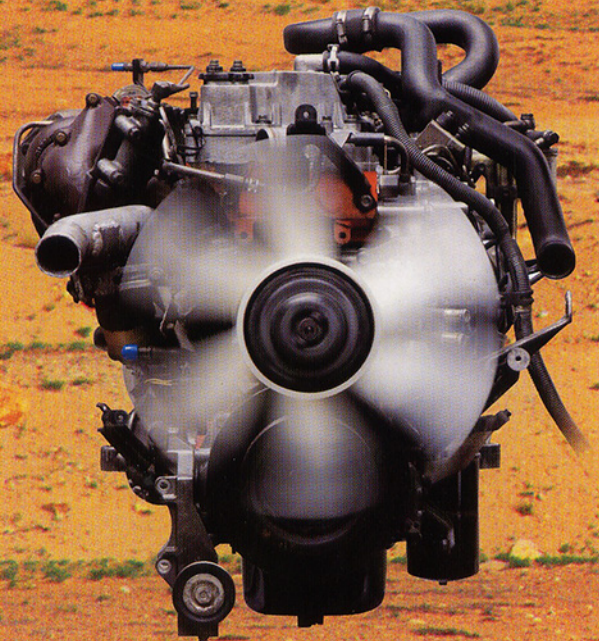


REGISTERED ORGANIZATION No.1936-ISO14001
QS Accreditation RE002

Sales agent

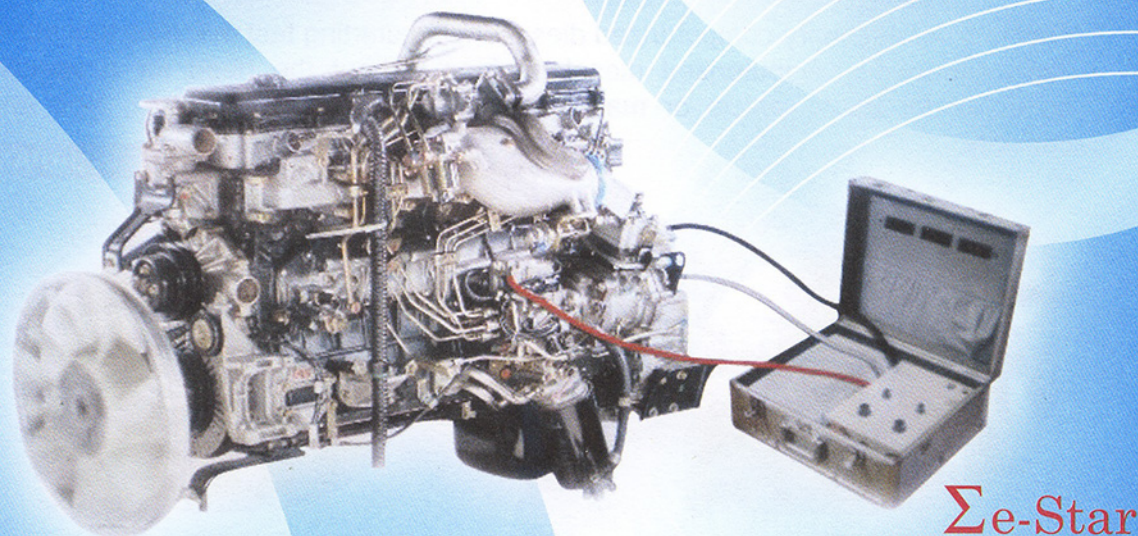
蘇

Reborn



Σ e-Star

Computerized diesel engine starting test machine



General Specifications

Brand Name	Σ e-Star
Product description	Computerized diesel engine starting test machine
Main unit dimensions	W540xD370xH200(mm)
Main unit weight	12kg
Applicable engines	Can be used for Japanese-made electric governor type, common-rail type and rotary pump type diesel engines.
Adjustment functions	Fuel consumption, timing of fuel injection
Input power source	DC24V
Accessories	Connection pin adapter set (1set) , Manual, Warranty

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- 2) It is not intended to guarantee the starting of all computerized diesel engine.
- 3) The input power source and starter power source are the responsibility of the purchaser.

Makes starting tests of used engines easy.

Up until now, it has been difficult to perform individual starting tests for recycling of used computerized diesel engines that did not start because the computer had been damaged in an accident or for some other reason.

Σ e-Star easily starts such Japanese-made electric governor, common-rail and rotary pump type diesel engines, regardless of manufacturer, type and capacity.

Σ e-Star can be used widely.

Σ e-Star enables easy bench testing of dismantled engines, and reduces costs. Σ e-Star will be useful to used engine distributors and automobile mechanics, among others.

Sungai Sendok Holdings Sdn. Bhd. (295334-K)

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Tel : 603-3345 1018 Fax : 603-3345 1019,

Email : sendok@po.jaring.my

http://www.sungaisendok.com



DCA
RCA

Σ e-Star

Computerized diesel engine starting test machine

This is a revolutionary computerized diesel engine starting test machine that starts Japanese-made computerized diesel engines without the need for a specific controller for each vehicle or machine, regardless of manufacturer, type and capacity.

MADE IN JAPAN

Hino Engine Model : K13C



ISUZU Engine Model : 4HG1



ISUZU Engine Model : 4HF1



ISUZU Engine Model : 4HG1



ISUZU Engine Model : 4HG1



Nissan Engine Model : RG8/RH8



Nissan Engine Model : PF6



Nissan Engine Model : RG8/RH8



Turbo Intercooling

Nissan Engine Model : PF6



Nissan Engine Model : RG8/RH8



Turbo Intercooling

*General Specifications Please read behind.

Computerized diesel engine controller

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Computerized diesel engine starting test machine

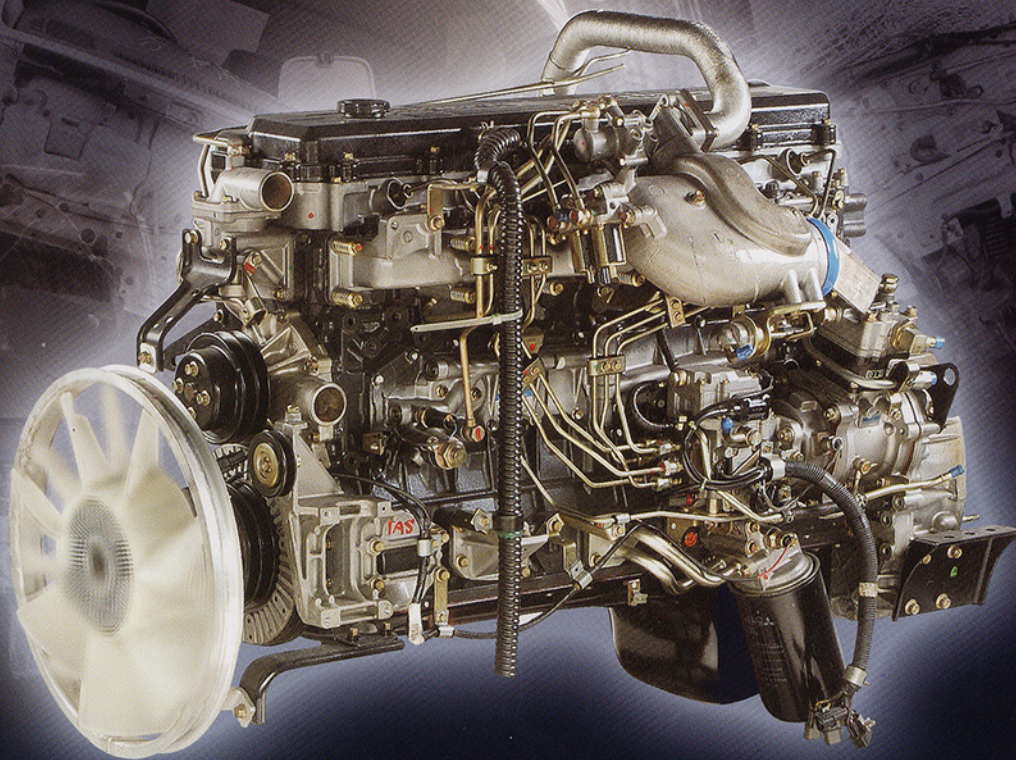
Σ e-Star

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MADE IN JAPAN

A new lease on life for engines.

Starts used Japanese-made computerized diesel engines
without specific controllers.



OKUNO AUTOMOBILE CO., LTD.

Core enterprise certified by the Japanese Ministry of Economy, Trade and Industry

Computerized diesel engine controller

How about using **JAMANER-e** to ins a Japanese-made used computerized diesel engine? ●Trucks ●Boats ●Power generator

A versatile, high-performance, moderately priced
computerized diesel engine controller that is also environment-fr

Engine mounted with a controller



Accelerator



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Vol.1

Computerized diesel
engine controller

JAMANER-e

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the Japanese Ministry of Economy,
Trade and Industry

**Can be used for computerized diesel engines,
from small to large size.**



MADE IN JAPAN

General Specifications

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Vol.2

Computerized diesel engine
starting test machineAn enterprise certified by
the Japanese Ministry of Economy,
Trade and Industry Σ Computerized diesel engine starting test machine
e-Star

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MADE IN JAPAN

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Ishikawa Prefecture, Lion Power Co., Ltd.,
Japan Truck Refine Parts Association

Production Lion Power Co., Ltd.

General distributor * Core enterprise certified by the Japanese Ministry of Economy, Trade and Industry

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**CONTACT****WAGO INDUSTRIAL CO., LTD.**

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OSAKA 532-0035 JAPAN

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Email : sendok@po.jaring.my