

ALC-PRO II Specifications	
Model Type:	T-ALC-P200
Testing Method:	Breath alcohol concentration analysis
Sensor:	Dual Sensor (Fuel cell sensor and Semiconductor gas sensor)
Unit of Measurement:	mg/L
Display:	Digital letters + sounds
Product Configuration:	Main stationary module, a Sensor Unit, a Sensor Unit support stand
Detection Range:	0.050~2.000mg/L
Resolution Performance:	0.001mg/L
Operating Environment:	+10℃~+40℃ (below 90%PH, no condensation)
Storage Environment:	-10℃~+50℃ (below 90%PH, no condensation)
Warm-up Time:	60 seconds countdown
Blowing Method:	Mouthpiece (sold separately)
Response Time:	Approx. 3 seconds, or 6 seconds
Display Time:	Approx. 3~6 seconds
Power Source:	Input: AC Adapter (100V±10%/50~60Hz) Output: DC 10V 1.2A
Power Consumption:	Approx. 8.7W
PC Connection Interface:	RS 232C
Warranty:	One Year (excluding calibration for the sensor unit)
Calibration:	Required every 6 months or after 60,000 tests (at additional cost) *1
Weight (approx.):	Main Module: 1.74kg, Sensor Unit: 210g, Support Stand: 600g
Documentation Method:	1) Data electronically stored within accompanying software application 2) “ALC-PROII for Windows 1.0” (for 1 Year)
Suitable OS platforms	Microsoft Windows 2000 Microsoft Windows XP Home Edition/Professional
CPU	Pentium4 1.4Ghz or higher/Celeron 2.0Ghz or higher
Recommended PC Specifications:	Memory 256MB or more (preferably 512MB or more) 2GB or more hard drive (preferably 3GB or more hard drive space for offices with over 100 employees)
Recommended Interfaces:	RS 232 (9pin male part) for main module connection USB port (for camera connection)*2
Internet Environment:	ADSL or higher always-on connections
ID card:	8-digit numbers (alphabets or symbols not applicable)

○ Please note that even though all the above PC environment requirements are met,  
operation is not guaranteed for all PCs.

\*1: Calibration is required when either of the stated conditions  
(60,000 tests, or a 6-month period) is reached.

\*2: Operation is not guaranteed if the unit is connected through a USB hub.

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**[Cautions] Liability Disclaimer**

Article 65 in the Road Traffic Law stipulates “Any operator of vehicles shall not drive under the influence of alcohol.” Our device shall not be used to purposely justify any illegal act, including driving under the influence of alcohol or driving while intoxicated, nor to directly testify any legal findings for vehicle accidents or indemnity cases. Tokai Denshi Inc., distributors, and manufacturers of this device, shall not in any circumstance be liable or responsible for any unlawful act or indemnity case brought about by the user regardless of whether or not this device is used.

The prices listed in this catalogue do not include expenses such as shipping and installation fees.

- The product specifications, prices and design are subject to change without notice.
- The colors of the device in this catalogue may appear slightly different from the actual device due to the effect of printing.

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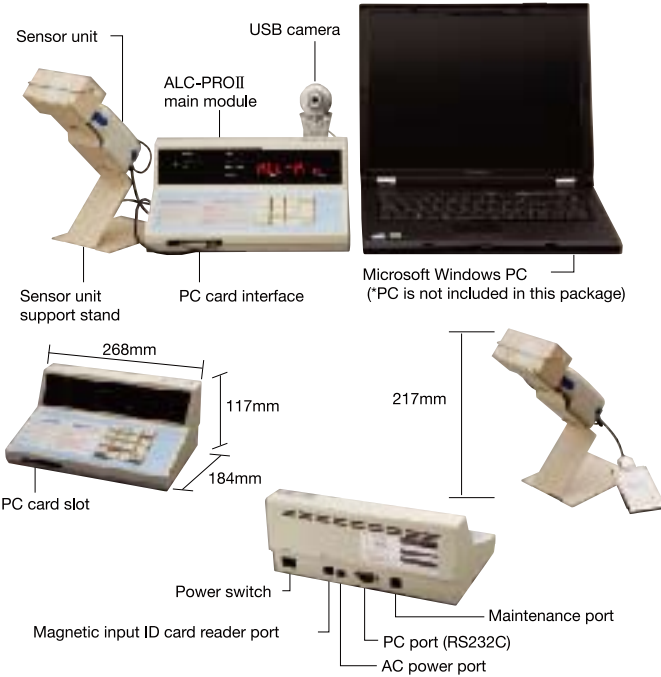
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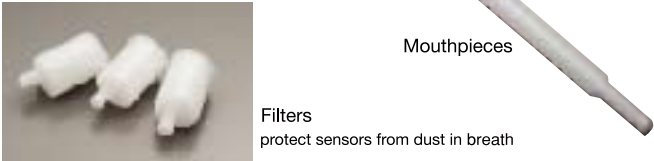
## ALC-PRO II Package Components

ALC-PROII main module, Sensor Unit (ALC-HU-200),  
Sensor Unit Support Stand, AC Power Adaptor, PC Card,  
PC Interface Cable (3m), USB Camera,  
ACL-PROII-specific Application “ALC-PROII for Windows1.0 CD-ROM”  
\*Microsoft Windows PC is not included in this package.

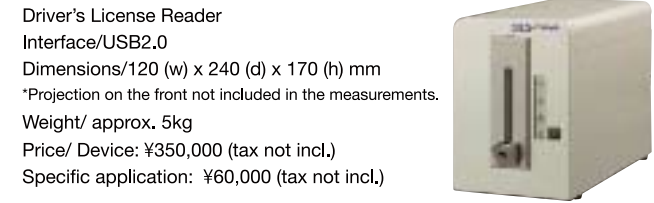
## ALC-PRO II System Configuration



## Disposables



## Optional Equipment:



# ALC-PROII

Alcohol Recording System For Professional

Alcohol Tester + Documentation/Management Software System for Professional-Use

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Dedicated to “No more tragic auto accidents”



# The ALC-PRO II helps establish an integrated system for testing, management and documentation.

With the anti-drunk driving movement already in place, what we need to see next is action. Business owners need to implement necessary measures to prevent accidents in relation to driving under the influence of alcohol or fatigue.

With superior functions such as high-performance breath alcohol testing, online and real-time management, and reliable documentation & organization, the ALC-PRO II helps establish an integrated system for the ultimate in efficiency.

## Breath alcohol testing with the highest level of accuracy



### Sensor calibration to restore correct measurements

Periodic calibration (at additional cost) of the Sensor Unit, a sensor that measures levels of alcohol, allows it to maintain test accuracy at its highest level. Compared to other devices that do not accommodate calibration, the ALC-PROII provides cost-effective solutions with lifetime usability.

### The first-in-the-industry sensing technology to achieve maximum accuracy

The sensor unit, an alcohol-specific sensor, features cutting-edge breath alcohol sensing technology (the first in the industry). By adopting 2 types of sensors; a durable alcohol-specific sensor and a fuel cell sensor that reacts solely to ethanol gas in breath, not ethanol in cigarette smoke or drugs, the industry's highest level of accuracy can be achieved. By encouraging individuals to have their own mouthpiece, hygienically based tests can also be assured. Plastic mouthpieces are washable and can be used semi-permanently, offering cost-effective operation.



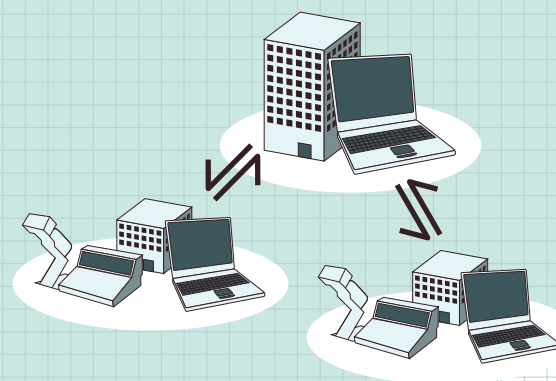
\*Driver's license reader is offered as optional equipment. A laptop PC is NOT included in the package.

## Sophisticated Management System



### Online Data Sharing and Uniform Management

The online network allows users to share data within an entire organization, so all data from various points can be organized for consolidated management. Data can be sent with a headshot via a mobile phone instantly to make real-time breath alcohol analysis at remote sites possible.



### Individual Data Management ensured by ID verification

By registering employee data and their ID verification using application "ALC-PROII for Windows 1.0," the device verifies a user when simply punching in an ID number or swiping a ID card prior to testing. This ID verification system enables users to organize data simply, yet precisely.

### Data can be stored for a maximum of one year, and can be printed out anytime.

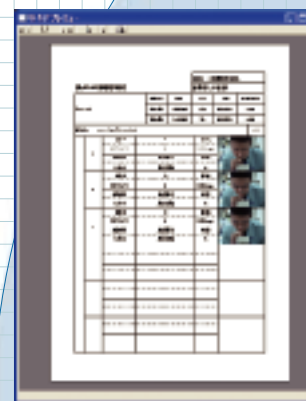
The special application "ALC-PROII for Windows 1.0" can store data for up to one year, and the data can be sorted out and retrieved by category; crewmember, data, or time whenever necessary.

Data can also be printed out to serve such purposes as submission requirements or data archive of a hard copy version.



### Data is accompanied by a headshot to prevent all forms of document fraud.

With the USB camera equipped with the main module, data can be recorded with a headshot of the test taker. The data can then be verified by a pre-registered employee ID, securing authenticity of the data by preventing all forms of document fraud. The ALC-PROII is an effective solution for employers to prove their initiatives towards alcohol testing.



## Data Conservation & Verification with High Reliability