

DA TECH CO., LTD.

A WORLDWIDE LEADING BREATHALYZER MANUFACTURER

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COMPANY OVERVIEW - 1

Company Name	DA TECH Co., Ltd.
Establishment	February 1, 2002
CEO	Kwang-hee Park
Product	Breathalyzer
Employees	35
Capacity	30,000 pcs / Month

A PIONEER IN THE DIGITAL BREATHALYZER DEVELOPMENT

Since its establishment in 2002, DA Tech has always been at the forefront of digital Breathalyzer development and has invested intensively in our R&D team for developing new technology and offering the best quality products.

COMPETITIVE AND INNOVATIVE PRODUCTS RANGE

Alcofind Breathalyzers perform with enhanced accuracy and reliability and its full range of innovative products enable customers to use it from personal to professional in various fields for customer choice and satisfaction.

WORLD-CLASS KOREAN PRODUCT

Alcofind's breathalyzers are selected as "World-Class Korean product" by Korean Government, which is the award for chosen product ranked among the top 5 in terms of global market share.

“THE PREPARATION PERIOD FOR CHALLENGE”

2002 - 2006

- Established DA Tech Co., Ltd in 2002
- Started to develop and manufacture the Digital Breathalyzer
- Supplied Breathalyzer by OEM
- Registered as “Venture Business Company” by Government
- Certified as “INNO-BIZ Enterprise” by Government
- Appointed as “Promising Enterprise” by Government

“ENTER AND COMPETE IN THE GLOBAL MARKET”

2007 - 2011

- Launched the own brand Breathalyzers
- Received “Good Design Product” award by Government
- Started aggressive marketing activities
 - Hong Kong Electronic Fair, IFA, and CeBIT
- Received a great number of certificates
 - CE, ISO 9001, FDA & DOT, NF, and GOST

"ALCOFIND BECOMES A GLOBAL LEADER"

2012 - 2019

- Launched Professional and Smartphone Breathalyzers
- Launched Ignition Interlock Device
- Received AS3547(Australia) certificate with 12 months of long-term approval
- Received EN(European) certificates with 12 months of long-term approval (EN 16280:2012, EN 50436-1:2014, EN 50436-2:2014)
- Achieved "Korean World-Class product" award by Government
- Ranked No.1 selling breathalyzer in the US market
- Being used by the most Korean airlines including Korean Air and Asiana
- Being exported to more than 50 countries in the world

KEY CERTIFICATIONS FOR BREATHALYZER

EN 16280 / EN 50436

(12 months of long-term storage test approved)



AS 3547 (Australian Standard)

(12 months of long-term storage test approved)



DOT EVIDENTIAL / SCREENING

(A long-term storage test is no required)



“ALCOFIND breathalyzer selected as **the most reliable breathalyzer** in the tests comparing the breathalyzers to the actual blood alcohol level conducted by the Western Switzerland University Center of Legal Medicine & TCS.”



TCS-Test 2016: Alkoholmessgeräte

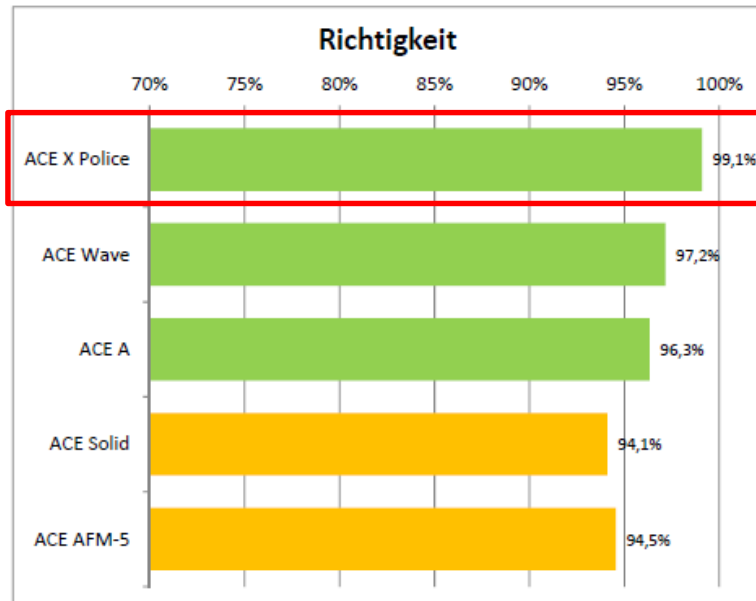
Überbewertung des Alkoholspiegels von mehr als 0.15 %
 Unterbewertung des Alkoholspiegels von 0.1% oder mehr
 Funktionsstörung, keine Messwerte

Test Typ	Blutprobe	Elektronisches Gerät				
Marke	Blutalkohol- konzentration in g/kg (‰) (1)	ACE	ACE	ACE	Dräger	Dräger
Modell		AFM-5 (Android/iOS)	AF33	II+	3820	3000
Kaufort		www.alkohol-tester.ch	www.conrad.ch	www.alkohol-tester.ch	www.alkohol-tester.ch	www.alkohol-tester.ch
Preis		99.00 CHF	139.95 CHF	189.00 CHF	319.95 CHF	399.00 CHF
Profil 1	0.66	0.73	0.79	0.81	0.81	0.82
Profil 2	0.62	0.74	0.78	0.72	0.78	0.80
Profil 3	0.55	0.55	0.59	0.62	0.58	0.61
Profil 4	0.57	0.71	0.70	0.69	0.72	0.71
Profil 5	0.77	0.78	0.81	0.90	0.91	0.88
Profil 6	0.52	0.65	0.61	0.65	0.65	0.64
Profil 7	0.77	0.86	0.94	0.94	0.92	0.93
Profil 8	0.57	0.67	0.72	0.75	0.70	0.74
Profil 9	0.20	0.30	0.31	0.35	0.32	0.31

(1) Messung im Blut vom Centre Universitaire Romand de Médecine Légale (CURML) durchgeführt nach Weisung des ASTRA

<https://www.tcs.ch/de/testberichte-ratgeber/tests/alle-testberichte/alkoholmessgeraete.php>

“ALCOFIND breathalyzer selected as the most accurate breathalyzer in the tests conducted according to EN 16280 by the Vienna University of Technology & ACE.”



4.2 ACE X POLICE

Abbildung 5: ACE X Police Atemalkohol-Messgerät.



Tabelle 4: Zusammenfassung der Ergebnisse für das ACE X Police Atemalkohol-Messgerät.

Level [%]	0	0.100	0.250	0.400	0.600
Referenzwert [%]	0	0,105	0,258	0,421	0,606
Mittelwert [%]	0,000	0,103	0,261	0,421	0,614
Richtigkeit	100,0%	98,1%	98,8%	100,0%	98,6%
RSD%	0,0%	5,2%	1,9%	0,9%	1,5%
Bias [%]	0,000	-0,002	0,003	0,000	0,009
SD des Bias [%]	0,000	0,003	0,006	0,008	0,016
Rel. Bias [%]	0,0%	-1,9%	1,2%	0,0%	1,4%
SD des Rel. Bias [%]	0,0%	2,6%	2,5%	1,9%	2,6%

https://www.alkomat.net/documents/products/Media/Alkoholtester-Studie%20TU%20Wien_oDr_2019.pdf

THANK YOU

DA Tech is committed to be a trusted manufacturer of breathalyzer by building a higher level of R&D and offering the quality product.