名称：纳拓四合一酒精测试仪说明书
尺寸：63x95mm（成品） 378x190mm（展开）
颜色：PANTONE COOL GRAY 10C
工艺：风琴折页做压痕
材质：105克双铜纸
日期：2021/5/17

NexTool

纳拓四合一酒精测试仪使用说明书

使用产品前请仔细阅读本说明书，并妥善保管

产品特点 1

1. 便携式酒精测试仪，集合酒精浓度检测，破窗器，割绳器，充电宝四种实用功能于一身。

2. 非接触式吹气酒精检测，数显直观，精度高；伴有提示音，辅助驾车者自我检查，给安全驾驶多一份保障。

3. 顶针式应急破窗器，轻松操作，无需蛮力。无惧水压，关键时刻轻松破窗，快速逃生

4. 内嵌式割绳器，特设U型开口以防伤手，紧急时刻快速割断安全带。

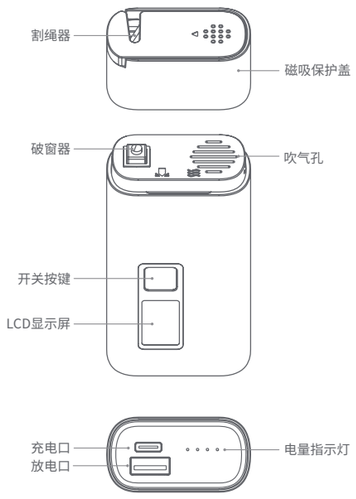
5. 内置4800mAh大容量电池，可作为充电宝，及时为手机供能。

友情提示

☞ 为了您和他人的安全，请勿酒后驾车。

☞ 本产品用于驾车前的快速酒精检测，起辅助排查及预防酒后驾驶作用。因不同人对酒精的反应不一，测试结果仅作为参考，不可作为是否酒驾的执法凭证，交警对酒驾的确认最终以医院抽血化验的血液酒精含量结果为准。制造商与销售商不会为违法犯罪行为负任何责任。

产品结构 2



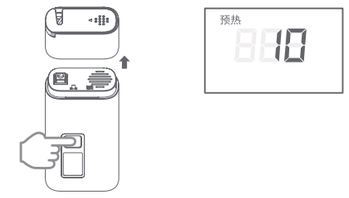
产品参数 3

主　　材	6061-T6航空铝合金、ABS+PC
产 品 尺 寸	109mm* 48mm*25mm
重　　量	约200g
电　　池	21700*1（4800mAh）
续 航 次 数	满电状态下可使用5000次以上
充　　电	type-C接口，5V/2A
充 满 电 时 间	约3小时
工作温度范围	0 °C - 45 °C
储存温度范围	-20 °C - 60 °C

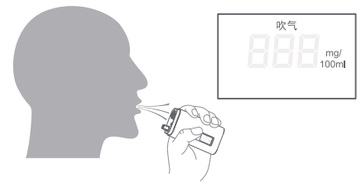
操作说明 4

1. 酒精检测仪

A. 打开保护盖，按下开关，“嘀”一声后，进入“预热”模式，屏幕显示预热10秒倒计时。



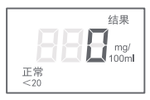
B. 在预热倒计时结束，“嘀”一声后，进入“吹气”模式，请对准吹气孔，以中等力度呼气3-5秒。



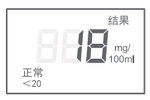
操作说明 5

C. 吹气结束后，屏幕显示检测结果；

▶ 10秒后，屏幕亮绿，酒精浓度读数为0，表示没有酒驾风险

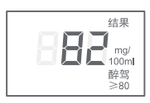


▶ 3秒后，屏幕亮绿，酒精浓度读数＜20，表示暂无酒驾风险



▶ 3秒后，屏幕亮黄，酒精浓度读数≥20，＜80，“酒驾”文字闪烁，发出蜂鸣声，表示存在酒驾风险。

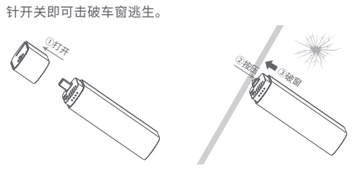
▶ 3秒后，屏幕亮红，酒精浓度读数≥80，“醉驾”文字闪烁，发出蜂鸣声，表示存在醉驾风险。



操作说明 6

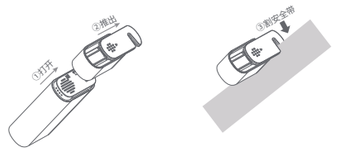
2. 破窗器

紧急求生情况下，打开盖子，紧贴破窗位置，垂直按压，触发顶针开关即可击破车窗逃生。



3. 割绳器

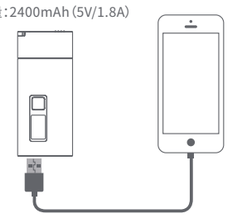
打开盖子，推出割绳器，刀口卡入绷紧的安全带，用力斜割，即可割断安全带。



操作说明 7

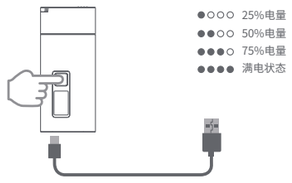
4. 充电宝

额定容量：2400mAh（5V/1.8A）



5. 电量显示

产品带电量显示功能，按压开关时，电量显示灯亮灯显示。产品自充电时，当电量显示灯4灯全亮时表示充电完成。



注意事项 8

1. 请在饮酒过后至少20分钟再进行测试，因为酒精从消化系统吸收到血液中大约需要20分钟。如果酒后立即测试，结果只能反映当时口腔内的酒精浓度，而不是血液中所含的酒精浓度。酒精检测结果会随着体内的酒精吸收程度呈现动态变化。

2. 请不要直接用化学物品或者具有腐蚀性的溶解液擦拭产品，避免液体流入吹气孔从而损坏产品功能。

3. 如有高浓度的干扰气体存在时，本产品将不能正常工作。

4. 如果在低电量下进行测试，测试值将和真实值之间有一定的偏差。

产品保养

1. 请勿将唾液，残渣或烟气吹入本产品吹气孔，避免对产品造成伤害并且干扰检测结果

2. 请勿将本产品置于高温处存放，或在高温处暴晒，这将会导致传感器受损，从而影响检测的准确性。

3. 避免让本产品从高处跌落，或擅自拆解修理。

故障排除 9

故障现象	故障原因	解决方法
开不了机	电池电量严重不足	请为产品充电
	电路故障	请联系售后服务
吹气无反应	没有完全预热	多预热几次
	电路故障	请联系售后服务
吹气无结果显示	产品里面有残留气体	重新预热产品
	未在规定时间吹气	在“吹气”时间内吹气
未吹气有结果显示	产品里面有残留气体	多预热几次

保修条款

1. 一年免费保修：纳拓产品自售出日起一年内，在正常使用的情况下，若出现质量问题，可享受免费维修服务。

2. 因使用不当或擅自改装、维修而引起的产品损坏，或超过一年保质期的产品，纳拓将提供有偿维修服务。

酒精浓度对照表 10

序号	BRAC 呼气中酒精浓度含量 mg/l	标准ppm	常用pm	BAC 血液中酒精浓度含量 mg/100ml	g/l	‰	%
1	0.05	26	25	10	0.1	0.1	0.01
2	0.10	52	50	20	0.2	0.2	0.02
3	0.15	78	75	30	0.3	0.3	0.03
4	0.20	104	100	40	0.4	0.4	0.04
5	0.25	130	125	50	0.5	0.5	0.05
6	0.30	156	150	60	0.6	0.6	0.06
7	0.35	182	175	70	0.7	0.7	0.07
8	0.40	208	200	80	0.8	0.8	0.08
9	0.45	234	225	90	0.9	0.9	0.09
10	0.50	260	250	100	1.0	1.0	1.00
11	0.55	286	275	110	1.1	1.1	1.01
12	0.60	312	300	120	1.2	1.2	1.02
13	0.65	338	325	130	1.3	1.3	1.03
14	0.70	364	350	140	1.4	1.4	1.04
15	0.75	390	375	150	1.5	1.5	1.05
16	0.80	416	400	160	1.6	1.6	1.06
17	0.85	442	425	170	1.7	1.7	1.07
18	0.90	468	450	180	1.8	1.8	1.08
19	0.95	494	475	190	1.9	1.9	1.09
20	1.00	520	500	200	2.0	2.0	2.00

各国较常使用单位：中国 — mg/100ml　美国 — % BAC
日本 — mg/l BRAC　欧洲 — g/l
• 0.05% BAC是指每100ml血液中含有0.05g（50mg）酒精

NexTool

User manual of Nextool multi function breath alcohol analyzer

Please read this manual before using the shovel and keep it carefully

FEATURE 1

1. Perfectly multi the functions of alcohol concentration detection,window-breaker,rope cutter,power bank,into one product,portable and easy to carry outside.

2. Non-contact detection,intuitive and highly accurate reading display with prompt sound. Assist drivers in self-examination to better ensure safe driving

3. Thimble emergency window breaker, easy to operate and no need for brute force. Without fear of water pressure, break windows easily at critical times and escape quickly.

4. Embedded rope cutter, it can cut seat belts quickly when emergency. (we specifically design U opening to prevent hand injury.)

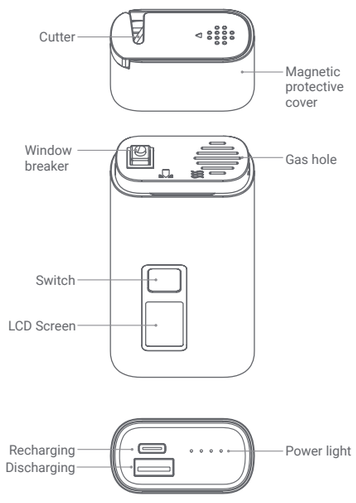
5. Being as a 4800mAh large power bank, it can charge your phone in time!

FRIENDLY TIPS

☞ Do not drive after drinking for the safety of you and others.

☞ This product is used for rapid alcohol detection before driving(BRAC test). It can help to self-examination and prevention of drunk driving.Because different people will react differently to alcohol, the test result is only for reference, it can not be used as the law enforcement basis of whether drunk driving.The confirmation of traffic police to DUI is based on the result of blood alcohol levels tested in hospital(BAC) Manufacturers and sellers will not be held responsible for any violations or crime.

STRUCTURE 2



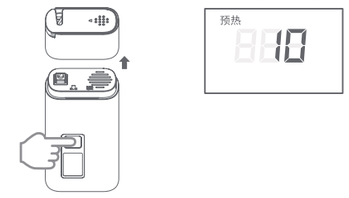
PERFORMANCE PARAMETER 3

Main material	6061-T6Aerometal, ABS+PC
Product size	109mm* 48mm*25mm
Weight	≈200g
Battery capacity	21700*1（4800mAh）
Duration	It can be used more than 5000 times at full power
Charge	type-C interface,5V/2A
Full-charge time	about 3 hours
Operating temperature range	0 °C - 45 °C
Storage temperature range	-20°C - 60 °C

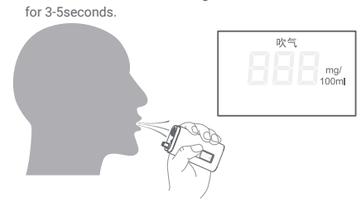
INSTRUCTIONS 4

1. Breath alcohol analyzer

A. Open the protective cover, press the switch till a sound as " beeping ".Then it will enter "preheating" mode, the screen will display 10 seconds countdown when preheating.



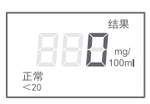
B. After preheating it will occur a sound as “di~”, then it will enter “to blow” mode. Please align the blow hole and exhale for 3-5seconds.



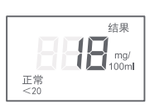
INSTRUCTIONS 5

C. After blowing, the screen will displays the test results.

▶ After 10 seconds , the screen turned green with an alcohol concentration reading of 0, then it indicating that there is no risk of DUI

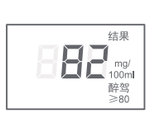


▶ After 3 seconds, the screen turned green with an alcohol concentration reading <20, then it indicating that there is no risk of DUI temporary



▶ After 3 seconds, the screen turned yellow , the alcohol concentration is read ≥20, <80, and the "DUI" text flashed with beeping sound, it indicating that there is a risk of DUI

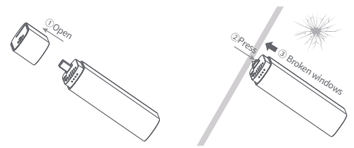
▶ After 3 seconds , the screen turned red , the alcohol concentration is read ≥80, and the "drunk driving" text flashed with beeping sound, it indicating that there is a risk of drunk driving



INSTRUCTIONS 6

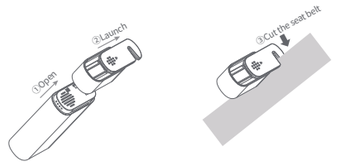
2. Window - breaker

In emergency survival, open the lid and place it near the window then vertical press it to break the window to escape



3. Rope cutter

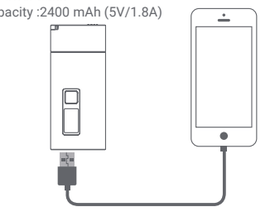
Open the lid , launch the rope cutter , stuck the cutter point into the tight seat belt , slash hard to cut the seat belt



INSTRUCTIONS 7

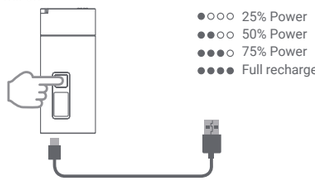
4. Power bank

Capacity :2400 mAh (5V/1.8A)



5. Battery status

Battery status : Pressing the switch then the power display light will show itself. When recharging is complete all 4 LED light will on.



ATTENTION 8

1. Please wait at least 20 minutes after drinking before test as it takes about 20 minutes for alcohol to be absorbed from the digestive system into the blood. If tested immediately after drinking, the results can only reflect the alcohol concentrations in the mouth, rather than the alcohol concentration contained in the blood(BAC).The results of alcohol testing will change dynamically according to the degree of alcohol absorption in the body.

2. Please do not wipe the product directly with chemicals or corrosive solution to avoid liquid flowing into the blowhole to cause functional damage.

3. The product will not work properly if high concentration of interference gas exist

4. If tested at low power , there will be a certain deviation between the test data and the real data

MAINTENANCE

1. Please do not blow saliva , residue or smoke into the blowhole to avoid damage and interfere with test results.

2. Please do not store this product in high temperature or expose to high temperature, which will cause sensor damage and affect the accuracy of detection

3. Please avoid dropping the product from a height or dismantling and repairing it without authorization

TROUBLESHOOTING GUIDE 9

Fault form	Failure cause	Solution
Can not turn on	Battery is severely inadequate	Please charge the product
	Circuit failure	Please contact us
Blowing but no reaction	Not fully preheating	Please preheating it several more times
	Circuit failure	Please contact us
No result after blowing	Residual gas is in the product	Please preheating it again
	Not blowing at the specified time	Please blowing within “to blow” mode
Results are shown without blowing	Residual gas is in the product	Please preheating it several more times

WARRANTY

1. Free warranty in one year: You can enjoy maintenance services for free within one year from the date of sale if your NEXTOOL occur quality problems when you use it properly.

2. We will provide paid maintenance services when your NEXTOOL exceed the guarantee period (one year) or if your NEXTOOL is damaged due to the improper use or unauthorized modification or repair.

ALCOHOL CONCENTRATION COMPARISON TABLE 10

Number	Breath Alcohol Concentration mg/l	Standard ppm	Normal pm	Blood Alcohol Concentration mg/100ml	g/l	‰	%
1	0.05	26	25	10	0.1	0.1	0.01
2	0.10	52	50	20	0.2	0.2	0.02
3	0.15	78	75	30	0.3	0.3	0.03
4	0.20	104	100	40	0.4	0.4	0.04
5	0.25	130	125	50	0.5	0.5	0.05
6	0.30	156	150	60	0.6	0.6	0.06
7	0.35	182	175	70	0.7	0.7	0.07
8	0.40	208	200	80	0.8	0.8	0.08
9	0.45	234	225	90	0.9	0.9	0.09
10	0.50	260	250	100	1.0	1.0	1.00
11	0.55	286	275	110	1.1	1.1	1.01
12	0.60	312	300	120	1.2	1.2	1.02
13	0.65	338	325	130	1.3	1.3	1.03
14	0.70	364	350	140	1.4	1.4	1.04
15	0.75	390	375	150	1.5	1.5	1.05
16	0.80	416	400	160	1.6	1.6	1.06
17	0.85	442	425	170	1.7	1.7	1.07
18	0.90	468	450	180	1.8	1.8	1.08
19	0.95	494	475	190	1.9	1.9	1.09
20	1.00	520	500	200	2.0	2.0	2.00

Common use units in various countries:
China — mg/100ml　America — % BAC
Japan — mg/l BRAC　Europe — g/l
• 0.05% BAC means every 100 ml of blood contains 0.05g (50mg) alcohol