

Toshiba unveils disease-detecting breathalyser

March 18 2014



Japan's electronics giant Toshiba unveils the prototype model of a breathalyser which can detect a wide range of diseases just 30 seconds after users blow into the machine, at the company's headquarters in Tokyo, on March 18, 2014

Japan's Toshiba on Tuesday unveiled a breathalyser which it says can detect a wide range of diseases just 30 seconds after users blow into the machine.

The device, about the size of a small dishwasher, has a nozzle in which

users blow several times.

It then analyses the puffs for traces of several gases which can signal the presence of several [health problems](#) including diabetes, stomach ailments and even the ordinary hangover.

"A breath exhaled into the machine is irradiated with an [infrared laser](#), and then trace gases are detected" the company said in a statement.

The gases include acetaldehyde, methane and acetone, all of which can point to the presence of various health problems.

Toshiba said it would expand the number of gases—and diseases—that its machine can detect, with an eye to starting commercial production next year.

The healthcare segment is a key unit for Toshiba, which is best known for its consumer electronics.

© 2014 AFP

Citation: Toshiba unveils disease-detecting breathalyser (2014, March 18) retrieved 2 May 2024 from <https://phys.org/news/2014-03-toshiba-unveils-disease-detecting-breathalyser.html>

<p>This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.</p>
--