

Technical Support
Knowledge Center Open

借助 34970A, Excel® 能否控制
扫描、进行测量并记录测量结
果？

Notices

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借助 34970A, Excel® 能否控制扫描、进行测量并记录测量结果？

在 Excel（以及其它环境）中,使用以下方法可控制 34970A。

面向34970A的IntuiLink

这是一个用于 Excel 的免费插件，可以将“Keysight 34970A DataLogger”工具条放到 Excel 工具栏上。使用此工具条可连接到 34970A，并能设置和执行扫描。返回的读数被直接导入到 Excel 工作表中。

IntuiLink 中包括几个工作表实例。从下面这个网址链接下载插件：[Keysight 34970A IntuiLink for Excel](#)

只有 GPIB 接口（而非 RS-232 接口）才支持 IntuiLink。

设备代码向导

设备代码向导可创建代码，以便对 34970A 和其它设备进行控制。对于 Excel 而言，该代码使用 Excel 宏语言（Visual Basic 6.0 的一项子集；参见下文标题“Excel 宏语言”部分）。

该向导可以生成适用于如下语言 and 环境的代码：

- 仅生成 SCPI 字符串
- Visual Basic
- Visual C
- VEE
- Excel 宏语言
- HP Basic

该向导可以借助以下 I/O 库创建代码：

- Keysight ISDK (AGT3494A 控件)
- VISA COM
- VISA
- Keysight SICL
- NI-488
- NI-488.2

您只有必须熟悉开发环境和编程语言，才能使用代码实例。该代码实例适用于 GPIB，以及装有 GPIB 接口的个人电脑（PC）。

Excel 宏语言

Excel 宏语言是 Visual Basic 6.0 的一个子集。与 Visual Basic 的用法相似，宏可用于与 34970A 通信并对其进行控制。这要求用户具备 Visual Basic 编程知识。

为了协助您编程，安捷伦开发人员网络 (ADN) 网站上提供了几个实例：[安捷伦开发人员网络 \(ADN\)](#)

在 ADN 主页的左侧菜单列表中的“代码实例”链接中选择代码实例。

代码程序可以使用 GPIB 或 RS-232 对 34970A 进行控制。

