




# Evaluation of analytical instrumentation. Part XXVII: a guide to good practice in the purchase of analytical instrumentation

Philip J. Potts 

This guide is designed for those involved in the purchase of analytical instrumentation, including analysts and laboratory staff, purchasing officers and senior managers. It provides recommendations on the stages that are required for the successful evaluation, purchase, installation and reliable operation of analytical instrumentation. The overall intention is to recommend a process where an analyst can make a confident recommendation of instrumentation that meets the desired specification. In addition, guidance is offered to ensure clarity in the roles and responsibilities of those involved in the overall procurement of a major analytical instrument.

## Introduction

American Chemical Society  
Analytical Chemistry  
Introduction  
Philip J. Potts  
(AMC)

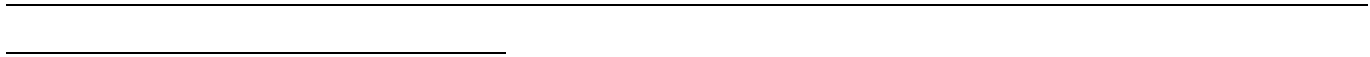


Table 1 (Contd.)

I	E
(6) Previous experience of a manufacturer's instrumentation	<p>↑</p> <p>( ) I u r</p> <p>( ) c ft</p> <p>( ) c</p> <p>( ) c</p>
( ) I u r	I
( ) c	A
( ) c ft	C
( ) C ft	E
( ) c	I
( ) c	A
(7) After sales service	I
( ) c	C
( ) A	E
(c) Eff	I
( ) M	F

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Table 1 (Contd.)

I	E
(8) Technical support from the instrument supplier	
( ) A	<p>ff</p> <p>)</p> <p>c</p>
( )	<p>c</p> <p>c</p> <p>c</p>
( )	<p>c</p> <p>c</p> <p>c</p>

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Table 1 (Contd.)

I	E
<p>Installation and use of the instrument</p> <p>(10) Installation requirements</p>	<p>I. a. M. c. I.</p>
<p>( ) D u</p>	<p>D. D. ft</p>
<p>(s) c</p>	<p>A. ffi. F. ffi)</p>
<p>( ) E u</p>	<p>A. (</p>
<p>(c) P</p>	<p>c. M. ( )</p>

Table 1 (Contd.)

I	E
<p>( ) D</p>	<p>J</p>
<p>( ) F</p>	<p>F</p>
<p>( ) D</p>	<p>c</p>
<p>(12) Routine use and exploitation</p>	<p>Hw</p>
<p>(13) Evaluation of investment</p>	<p>E</p>

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