



# 60

## Benchtop NMR

# 60Teach

Introduce your students to acquiring, processing,  
**AND** solving NMR spectra of their own compounds.

# 60Teach

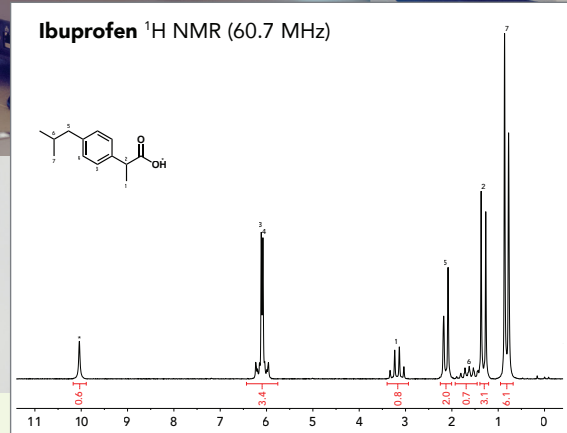
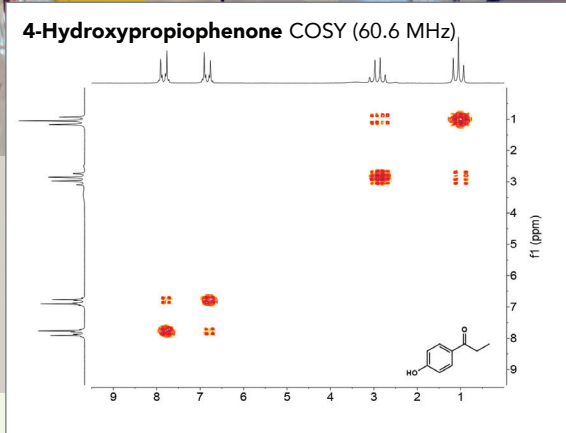
- Allow students to acquire data quickly and simply in organic, inorganic, analytical, physical, and biochemistry labs
- Robust chemistry lab tool to teach students about NMR acquisition parameters, processing NMR data through direct access to hands-on use of an NMR spectrometer

Quick and Easy-to-use

Configure  
Acquire  
Analyze

Check out our sample experiments  
>>[nanalysis.com/sample-experiments](https://nanalysis.com/sample-experiments)

- > Simple operation
- > Accurate, precise, repeatable
- > Quick data collection



With the magnet, electronics, and computer in a single enclosure, 60Teach is a robust all-in-one benchtop NMR spectrometer in its class. This compact and high performance benchtop NMR is resilient to the rigors of a busy laboratory environment.

Request a quote today

[sales@nanalysis.com](mailto:sales@nanalysis.com)

# Technical Specifications



## Operating Frequency

60 MHz (1.40 T)

## Magnet

Permanent, no cryogenics

## User Interface

Built-in touchscreen and remote access. Connectable to external computer, if desired.

## Nuclei

$^1\text{H}$

## Lock

Internal  $^1\text{H}$  or  $^2\text{H}$  option

## Sample

Standard 5 mm NMR tubes

## Compatibility

File: JCAMP-DX and CSV  
Software: Mnova, ACD/Labs, Delta, TopSpin, MATLAB, Spinit, NMRfx, etc.

## Stray Field

< 2 Gauss line outside the enclosure

## Operating Temperature

18 – 26 °C

## Power Supply

100 – 240 VAC, 50 – 60 Hz

## Connectivity

Ethernet/WiFi, USB, Serial, HDMI

## Dimensions with screen

(w x h x d )

11.8 x 11 x 19.2"

30 x 28 x 49 cm

## Weight

58 lbs / 26.3 kg

## Available Experiments

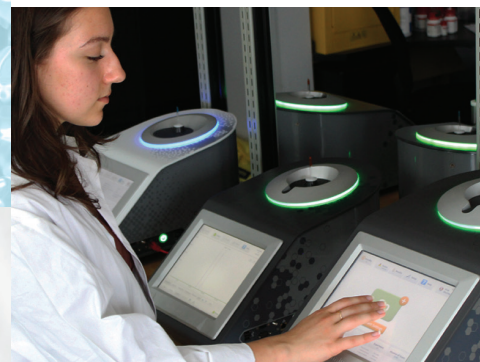
1D
COSY
JRES
$T_1$
$T_2$

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Find out what our customers say about the  
Nanalysis' benchtop NMR:

[nanalysis.com/customer-experiences-academic](https://nanalysis.com/customer-experiences-academic)





**Innovative Magnet Design**

Compact and portable

**Sample Access Port**

5 mm NMR tubes

**Progress Indicator**

Light ring to help you monitor the status of your instrument from anywhere within the lab

**Build-in Touchscreen**

Convenient automated and standby shimming routines ensure that the instrument is always ready for use



[sales@nanalysis.com](mailto:sales@nanalysis.com)

Find out more at [nanalysis.com](https://nanalysis.com) | [sales@nanalysis.com](mailto:sales@nanalysis.com)

## **Robust, Compact, Portable**

All-in-one compact benchtop NMR, easy-to-site anywhere making hands-on access simple.

## **Low Maintenance**

Reduce operating expenditures with permanent magnet NMR spectrometers that require no cryogenes, no preventative maintenance, or weekly servicing.

## **Rapid Results**

Allow your students to collect their own spectra within their lab period.

## **Quick and Easy-to-use**

With an simple but modifiable interface controlled by touchscreen, keyboard/mouse or external computer, data can be acquired, process, saved and/or printed easily by the user.

## **Configurable**

Run standard acquisition parameters from a convenient pop-up menu and modify as desired to get the results you want.

[nanalysis.com](https://nanalysis.com)

