Nikon Flash Guide Numbers

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Guide to Nikon TTL Flashes - Photo.net - Articles
With a guide number of 34.5 meters at 35mm position and 55 meters at 200mm position, the SB-5000 is the most powerful speedlight Nikon has ever made. It weighs the same as the SB-910, but despite the added features, it is noticeably smaller in size.

Nikon Flash Guide - KenRockwell.com
Guide Number is a tool to determine exposure of Direct Flash with Manual flash power levels, to automatically deal with the Inverse Square Law, making the math be trivial www.scantips.com Menu of the other Photo and Flash pages here

Understanding Guide Numbers | B&H Explora
However, some manufacturers of flash devices may provide guide numbers ratings specified relative to ISO 200, which increases its guide number by 41 percent relative to those given at ISO 100. The below table shows the proportional change in a flash device's guide number relative to both ISO 100 and ISO 200.

Flash Level (Guide Number) - Nikon | Imaging Products
Your flash’s Guide Number (GN) is determined at 100 ISO, when it gives correct exposure at a certain distance, multiplied by the f-stop The idea that we can figure out the manual flash exposure by the combination of distance and aperture (for a given ISO setting), was covered in these recent topics:

Tutorial: How to use the guide number of your flash
The Guide Number may be in feet or meters - we can use either so long as we are consistent (for Guide Number and Distance). There are 3.28 feet in one meter, so GN (feet) is always 3.28x GN (meters). Note that flashes for European or Asian markets probably routinely specify GN in meters, so if they say a low number like 30, it probably means 30 x 3.28 = 98 (feet) for American markets.

Flash Guide Numbers on Nikon Flash - Photographers Resource
However, if you're looking at two different flashes and one reports a guide number of 72 while another has a guide number of 190, the one with 190 is clearly the more powerful flash (and hence much more expensive).

The B&H Speedlight Buyer’s Guide | B&H Explora
Nikon's most advanced Speedlight with a guide number of 184 feet (at ISO 100 at 105mm zoom-head position). Operates a stand-alone Speedlight, wireless Speedlight Commander or wireless remote unit . Advanced wireless control provides fully automatic and independent control of an unlimited number of SB-900, SB-800, SB-600 and SB-R200 Speedlights.

Nikon Flash Comparison - Photography Life
Guide numbers are based on a simple mathematical equation that states: the light output of an electronic flash is equal to the distance of the flash unit from the subject multiplied by the lens aperture, or f/stop.

User’s Manual - cdn-10.nikon-cdn.com
A flash’s power is determined by its Guide Number, with low Guide Numbers (GN) indicating a weak or less powerful flash than one with a high GN. For ease of comparison, most flash GNs are rated for an ISO 100 film.

Nikon Flash Guide Numbers
The flash guide number (GN) is a measure of the distance at which the flash can illuminate a subject. The higher the guide number, the greater the distance at which the light from the flash is sufficient for optimal exposure.

Compare Power Rating of Camera Flashes with Guide Numbers
You could also do a similar calculation dividing the aperture into the guide number to know how far the flash will reach, so if you have a guide number of 40 in feet and a are using f4 you can see your flash will reach 10feet, in a straight line without bouncing.

SB-800 AF Speedlight from Nikon
About the SB-910 and This User’s Manual About the SB-910 The SB-910 is a high-performance Speedlight compatible with Nikon Creative Lighting System (CLS) with a guide number of 34/48 (ISO 100/200, m) (111.5/157.5, ft) (at the 35 mm zoom head position in Nikon FX format with standard illumination pattern, 20 °C/68 °F). CLS-compatible cameras

Guide number - Wikipedia
What Is It? When it comes to flash specs, it doesn’t get much more confusing than the guide number (GN). Why is it so confusing? There are several reasons, actually, but the biggest reason of all is that the GN was never supposed to be a rating of flash output.

Nikon SB-600 SB600 - Ken Rockwell
Key Features. Supports the Nikon Creative Lighting System; Supports i-TTL (for automatic balanced Fill-Flash), D-TTL, TTL, Manual; Easy-to-view LCD with 6 simple-to-understand backlit buttons; Guide Number of 30/98 [ISO100,m/ft], 42/138 [ISO200,m/ft] (at 35mm zoom) Auto zoom of 24 to 85mm, extendable to 14mm with built-in wide-flash adapter.

Flash Guide Number - The Digital SLR Guide
See the links above for the latest Nikon Flash Reviews and Nikon Flash Comparisons.Also see How to Use the Nikon Wireless Flash System.See the Comparisons for which flash works with your DSLR.. Otherwise, the information below is from about 2005 and covers the state of the art for 35mm and the earliest digital SLRs, but ignores the newest flash models for today's DSLRs covered at Comparisons ...

Flash Photography - Understanding Guide Numbers
With a host of pro flash features including; precision i-TTL flash control, Manual with Power Ratio, three illumination patterns for specific shooting environments, wide zoom range from 17-200mm, and streamlined controls and menus—it's no wonder that Nikon is the overwhelming choice when it comes to flash photography.

Nikon | Imaging Products | SB-600
Guide numbers are the standardized, numerical way of determining the power of a flash, with a higher guide number representing a more powerful flash. A guide number is the product of multiplying the f/stop of an exposure with a given distance, at ISO 100; or GN = f/number x distance.

Understanding Camera Flash Guide Numbers, plus GN Calculator
Nikon’s current flash technology is called i-TTL, and they offer five different external flash options. So far all of those i- TTL flashes have three-digit model numbers in the form of SB-n00 (e.g. SB-600, SB-900 and there is also an SB-R200) while the older, non-i- TTL flashes have two-digit model numbers (e.g. SB-28 and SB-80 DX).

Making Sense of Your Flash's Guide Number - DIY Photography
The SB-600 works with every Nikon camera made for the past 40 years. It's the only flash, along with the SB-400 and SB-800, that works properly with the current Nikon digital SLRs like the D50, D40, D80, D200, D2Xs D70, D2H and D2X and their new i-TTL exposure system. Read here about how to use it remotely, which it does for free with the built-in slave.