

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *National Instruments GPIB-400* at our website: *Click HERE*

Archived: What Are the DIP Switch Settings for the GPIB-400?

This document has been archived and is no longer updated by National Instruments

Hardware:

Problem:
What are the DIP switch settings for the GPIB-400?

Solution:
The GPIB-400 is a GPIB bus tester that has toggle switches on the front for controlling different GPIB lines. It can perform some functions of an analyzer, such as providing acceptor handshakes and giving line status when requested. The box also has a serial (RS-232) port on the back for dumping data from the bus. Some of the functionality of the GPIB-400 is controlled by two DIP switches inside the box. The functionality of those switches is documented here.

A 0 setting means the DIP switch is in the ON position. A 1 setting means the DIP switch is in the OFF position.

U18 selects the baud rate as follows:

S0	S1	S2	S3	S4	Baud Rate
0	0	0	0	1	19200
0	0	1	0	0	50
0	0	1	1	0	75
0	1	0	0	0	134.5
0	1	0	1	0	200
0	1	1	0	0	600
0	1	1	1	0	2400
1	0	0	0	0	9600
1	0	0	0	0	4800
1	0	0	1	0	1800
1	0	1	0	0	1200
1	0	1	1	0	2400
1	1	0	0	0	300
1	1	1	0	0	150
1	1	1	1	0	110

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

U20 selects the RS232 configuration as follows:

Switch	Description
EPS	Even Parity Enable: 1 for even parity, 0 for odd parity
NB1, NB2	**Word Length Select** NB2 NB1 Word Length 0 0 5 bits 0 1 6 bits 1 0 7 bits 1 1 8 bits
TSB	Stop Bit Select: 0 for one STOP bit, 1 for two STOP bits
NP	Parity Inhibit: 1 for no parity generation
20MA	RS232/20 MA terminal operation: 0 for RS232, 1 for a 20 mA current loop

Report Date: 10/24/1997
Last Updated: 03/26/2013
Document ID: 12N9S7RV

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP